

FIG. 1

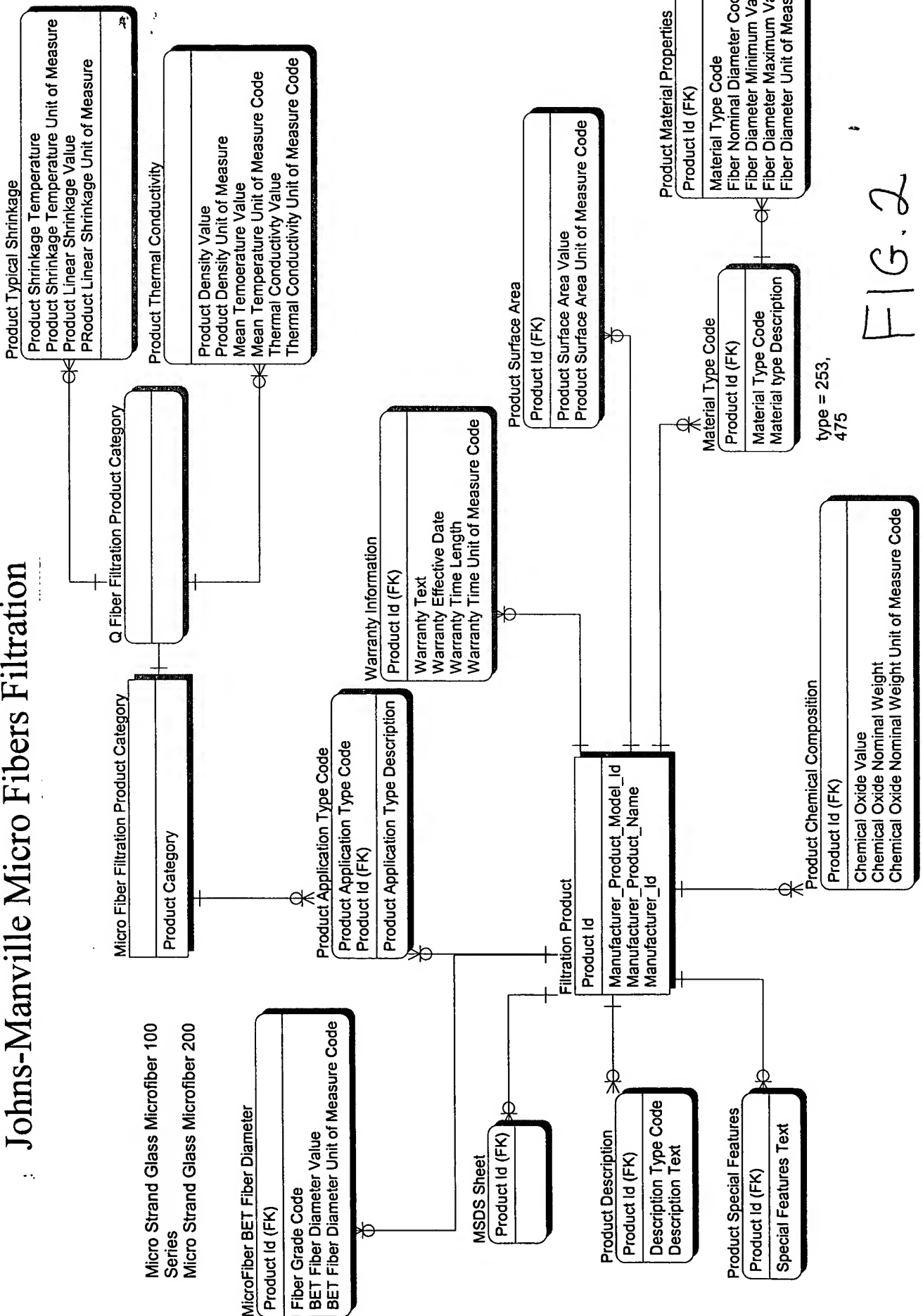
UCID

DataBult ID	Filter Type	Product Name	Series	Description	Material	Manufacturer	Internet Address	Telephone #
Microfiber Filtration Products						Johns Manville	http://www.jm.com	1.800.654.3103
(UCIDs not shown)	Liquid	Micro Strand Glass Microfiber 100 Series	100 Series	A fine diameter borosilicate (Type 475) glass microfiber in bulk form which contains no binders or sizings	Non-continuous glass filaments - glass microfibers	Johns Manville	http://www.jm.com	1.800.654.3103
	Liquid	Micro Strand Glass Microfiber 100 Series	100 Series	A fine diameter borosilicate (Type 475) glass microfiber in bulk form which contains no binders or sizings	Non-continuous glass filaments - glass microfibers	Johns Manville	http://www.jm.com	1.800.654.3103
	Liquid	Micro Strand Glass Microfiber 100 Series	100 Series	A fine diameter borosilicate (Type 475) glass microfiber in bulk form which contains no binders or sizings	Non-continuous glass filaments - glass microfibers	Johns Manville	http://www.jm.com	1.800.654.3103
	Liquid	Micro Strand Glass Microfiber 100 Series	100 Series	A fine diameter borosilicate (Type 475) glass microfiber in bulk form which contains no binders or sizings	Non-continuous glass filaments - glass microfibers	Johns Manville	http://www.jm.com	1.800.654.3103
	Liquid	Micro Strand Glass Microfiber 100 Series	100 Series	A fine diameter borosilicate (Type 475) glass microfiber in bulk form which contains no binders or sizings	Non-continuous glass filaments - glass microfibers	Johns Manville	http://www.jm.com	1.800.654.3103
	Liquid	Micro Strand Glass Microfiber 100 Series	100 Series	A fine diameter borosilicate (Type 475) glass microfiber in bulk form which contains no binders or sizings	Non-continuous glass filaments - glass microfibers	Johns Manville	http://www.jm.com	1.800.654.3103
	Liquid	Micro Strand Glass Microfiber 100 Series	100 Series	A fine diameter borosilicate (Type 475) glass microfiber in bulk form which contains no binders or sizings	Non-continuous glass filaments - glass microfibers	Johns Manville	http://www.jm.com	1.800.654.3103
	Liquid	Micro Strand Glass Microfiber 100 Series	100 Series	A fine diameter borosilicate (Type 475) glass microfiber in bulk form which contains no binders or sizings	Non-continuous glass filaments - glass microfibers	Johns Manville	http://www.jm.com	1.800.654.3103
	Liquid	Micro Strand Glass Microfiber 100 Series	100 Series	A fine diameter borosilicate (Type 475) glass microfiber in bulk form which contains no binders or sizings	Non-continuous glass filaments - glass microfibers	Johns Manville	http://www.jm.com	1.800.654.3103
	Liquid	Micro Strand Glass Microfiber 100 Series	100 Series	A fine diameter borosilicate (Type 475) glass microfiber in bulk form which contains no binders or sizings	Non-continuous glass filaments - glass microfibers	Johns Manville	http://www.jm.com	1.800.654.3103
	Liquid	Micro Strand Glass Microfiber 200 Series	200 Series	A fine diameter borosilicate (Type 253) glass microfiber in bulk form which contains no binders or sizings	Non-continuous glass filaments - glass microfibers	Johns Manville	http://www.jm.com	1.800.654.3103
	Liquid	Micro Strand Glass Microfiber 200 Series	200 Series	A fine diameter borosilicate (Type 253) glass microfiber in bulk form which contains no binders or sizings	Non-continuous glass filaments - glass microfibers	Johns Manville	http://www.jm.com	1.800.654.3103
	Liquid	Micro Strand Glass Microfiber 200 Series	200 Series	A fine diameter borosilicate (Type 253) glass microfiber in bulk form which contains no binders or sizings	Non-continuous glass filaments - glass microfibers	Johns Manville	http://www.jm.com	1.800.654.3103

FIG. 1

FOOTPRINT "SSB0200T"

Johns-Manville Micro Fibers Filtration



UCID

FOOT " 9580200T

```

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8 <subcategory id="" tag_id=""> </>
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19 <chemical_oxide_nominal_weight_measurement_unit tag_id=""> </chemical_oxide_nominal_weight_measurement_unit>
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26 <duration value="" measure="" tag_id="">
27 </warranty_info>
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35 <nominal_diameter_min_val value="" tag_id="">
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55 </specifications>
56 </product>

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FIG. 3A

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10
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16
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18 <IATTLIST description tag_id CDATA #REQUIRED >
19
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21 <IATTLIST description_text tag_id CDATA #REQUIRED >
22
23 <ELEMENT description_type ( description_text ) >
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25 <IATTLIST description_type value CDATA #REQUIRED >
26
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31 <ELEMENT diameter_measurement_unit EMPTY >
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34 <ELEMENT diameter_min_val EMPTY >
35 <IATTLIST diameter_min_val tag_id CDATA #REQUIRED >
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41 <IATTLIST duration value CDATA #REQUIRED >
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51 <IATTLIST category tag_id CDATA #REQUIRED >
52
53 <ELEMENT chemical_composition ( chemical_oxide_value, chemical_oxide_nominal_weight, chemical_oxide_nominal_weight_measurement_unit ) >
54 <IATTLIST chemical_composition tag_id CDATA #REQUIRED >
55
56 <ELEMENT chemical_oxide_nominal_weight EMPTY >
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FIG. 3B

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58
59 <IELEMENT chemical_oxide_nominal_weight_measurement_unit EMPTY >
60 <IATTLIST chemical_oxide_nominal_weight_measurement_unit tag_id CDATA #REQUIRED >
61
62 <IELEMENT chemical_oxide_value EMPTY >
63 <IATTLIST chemical_oxide_value tag_id CDATA #REQUIRED >
64
65 <IELEMENT description ( manufacturer, category, subcategory, description_type ) >
66 <IATTLIST description tag_id CDATA #REQUIRED >
67
68 <IELEMENT description_text EMPTY >
69 <IATTLIST description_text tag_id CDATA #REQUIRED >
70
71 <IELEMENT description_type ( description_text ) >
72 <IATTLIST description_type tag_id CDATA #REQUIRED >
73 <IATTLIST description_type value CDATA #REQUIRED >
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75 <IELEMENT diameter_max_val EMPTY >
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79 <IELEMENT diameter_measurement_unit EMPTY >
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82 <IELEMENT diameter_min_val EMPTY >
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84 <IATTLIST diameter_min_val value CDATA #REQUIRED >
85
86 <IELEMENT duration EMPTY >
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89 <IATTLIST duration value CDATA #REQUIRED >
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91 <IELEMENT effective_date EMPTY >
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93 <IATTLIST effective_date value CDATA #REQUIRED >
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97 <IATTLIST grade value CDATA #REQUIRED >
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99 <IELEMENT linear_shrinkage EMPTY >
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101 <IATTLIST linear_shrinkage value CDATA #REQUIRED >
102
103 <IELEMENT linear_shrinkage_measurement_unit EMPTY >
104 <IATTLIST linear_shrinkage_measurement_unit tag_id CDATA #REQUIRED >
105
106 <IELEMENT manufacturer ( product_id, product_name ) >
107 <IATTLIST manufacturer id CDATA #REQUIRED >
108 <IATTLIST manufacturer tag_id CDATA #REQUIRED >
109
110 <IELEMENT material ( material_type, material_description, material_properties ) >
111 <IATTLIST material tag_id CDATA #REQUIRED >
112
```

FIG. 3C

113 <ELEMENT material_description EMPTY >
114 <ATTLIST material_description tag_id CDATA #REQUIRED >
115
116 <ELEMENT material_properties (grade, nominal_diameter_type, diameter_min_val, diameter_max_val, diameter_measurement_unit) >
117 <ATTLIST material_properties tag_id CDATA #REQUIRED >
118
119 <ELEMENT material_type EMPTY >
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121
122 <ELEMENT mean_temperature EMPTY >
123 <ATTLIST mean_temperature tag_id CDATA #REQUIRED >
124 <ATTLIST mean_temperature value CDATA #REQUIRED >
125
126 <ELEMENT mean_temperature_measurement_unit EMPTY >
127 <ATTLIST mean_temperature_measurement_unit tag_id CDATA #REQUIRED >
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134 <ATTLIST nominal_diameter_type value CDATA #REQUIRED >
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136 <ELEMENT product (description, uses, chemical_composition, special_features, msds_data, warranty_info, surface_area, material, specifications) >
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138 <ATTLIST product tag_id CDATA #REQUIRED >
139
140 <ELEMENT product_density EMPTY >
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142 <ATTLIST product_density value CDATA #REQUIRED >
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144 <ELEMENT product_density_measurement_unit EMPTY >
145 <ATTLIST product_density_measurement_unit tag_id CDATA #REQUIRED >
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147 <ELEMENT product_id EMPTY >
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149 <ATTLIST product_id value CDATA #REQUIRED >
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151 <ELEMENT product_name EMPTY >
152 <ATTLIST product_name tag_id CDATA #REQUIRED >
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154 <ELEMENT shrinkage (shrinkage_temp, shrinkage_temp_measurement_unit, linear_shrinkage, linear_shrinkage_measurement_unit) >
155 <ATTLIST shrinkage tag_id CDATA #REQUIRED >
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161 <ELEMENT shrinkage_temp_measurement_unit EMPTY >
162 <ATTLIST shrinkage_temp_measurement_unit tag_id CDATA #REQUIRED >
163
164 <ELEMENT special_features EMPTY >
165 <ATTLIST special_features tag_id CDATA #REQUIRED >
166
167 <ELEMENT specifications (shrinkage, thermal) >
168 <ATTLIST specifications tag_id CDATA #REQUIRED >

FIG. 3D

169
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177 <IATTLIST surface_area_value CDATA #REQUIRED >
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182 <IELEMENT thermal_conductivity EMPTY >
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186 <IELEMENT thermal_conductivity_measurement_unit EMPTY >
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192 <IELEMENT uses (usage_description) >
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195 <IELEMENT warranty_info (warranty_text, effective_date, duration) >
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198 <IELEMENT warranty_text EMPTY >
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FIG. 3E

TABLE "9580200"

UCID

	A	B	C	D	E	F	G
	Databuilt ID (Item Number)	Filter Type	Product Name	Product Series	Product Description	Material	Filtration Grade
1							
3	(not shown)	Air		Delta-Aire			
4							
5		Air	Delta-Aire Filtration Products	DA-SP - Self Pleat Media	Self-Pleat Media	(SP - Class 2 glass scrim) or (B2 - Class 2 non-woven polyester or nylon)	DA-30-SP
6		Air	Delta-Aire Filtration Products	DA-SP - Self Pleat Media	Self-Pleat Media	(SP - Class 2 glass scrim) or (B2 - Class 2 non-woven polyester or nylon)	DA-40-SP
7		Air	Delta-Aire Filtration Products	DA-SP - Self Pleat Media	Self-Pleat Media	(SP - Class 2 glass scrim) or (B2 - Class 2 non-woven polyester or nylon)	DA-50-SP
8		Air	Delta-Aire Filtration Products	DA-SP - Self Pleat Media	Self-Pleat Media	(SP - Class 2 glass scrim) or (B2 - Class 2 non-woven polyester or nylon)	DA-60-SP
9		Air	Delta-Aire Filtration Products	DPG Series - Differential Pressure Glass	Fiber glass air filter media	B2 - Class 2 non-woven polyester	DPG-82 B2
10		Air	Delta-Aire Filtration Products	DPG Series - Differential Pressure Glass	Fiber glass air filter media	B2 - Class 2 non-woven polyester	DPG-95 B2

FIG. 4A

FIG. 4B

H	I	J	K	L	M	N
Media Color	Thickness - in. (mm)	Weight - gm/ft ² (gm/m ²)	Air Permeability - in. W.G. (Pa)	Initial Flat Sheet Particle Efficiency - %	Filtration Application Atmospheric Efficiency - %	Flammability - UL Class
Choices of Amber, Orange, Purple, Lime Green, Brown, Yellow, (Color coded to identify efficiency ranges)						
Amber	0.16 (4.1)	11.0 (118.4)	0.03 (7.5)	4 - 8	30 -35	2
Amber	0.16 (4.1)	11.3 (121.6)	0.04 (10.0)	8-12	40-45	2
Amber	0.16 (4.1)	11.8 (127.0)	0.08 (14.9)	12-16	50-55	2
Orange	0.16 (4.1)	14.0 (150.7)	0.08 (19.9)	18-23	60-65	2
Purple	0.15 (3.8)	3.2 (34.4)	0.13 (32.4)	56-66	80-85	2
Lime Green	0.15 (3.8)	3.5 (37.7)	0.27 (67)	75-85	90-95	2

FIG. 4B

FOOTPRINT - 9580201

	O	P	Q	R	S	T
	Certifications	Roll Width - In. (cm)	Roll Length - In. Ft. (In. M)	Roll Cores - Chipboard ID - In. (cm)	Backings & Maximum Recommended Working Air Temperature - Degrees Fahrenheit (Degrees Celsius)	Product As
1						
3						
4						
5	ISO-9002 Certified	12-25 (30.5-63.5)	500 (152)	2 (5.1)	250 (121) Note: this applies to (SP - Class 2 glass scrim) and (B2 - Class 2 non-woven polyester or nylon)	Roll of DA-SP series media bonded to a glass mat backing that is self-supporting when pleated and heat set
6	ISO-9002 Certified	12-25 (30.5-63.5)	500 (152)	2 (5.1)	250 (121) Note: this applies to (SP - Class 2 glass scrim) and (B2 - Class 2 non-woven polyester or nylon)	Roll of DA-SP series media bonded to a glass mat backing that is self-supporting when pleated and heat set
7	ISO-9002 Certified	12-25 (30.5-63.5)	500 (152)	2 (5.1)	250 (121) Note: this applies to (SP - Class 2 glass scrim) and (B2 - Class 2 non-woven polyester or nylon)	Roll of DA-SP series media bonded to a glass mat backing that is self-supporting when pleated and heat set
8	ISO-9002 Certified	12-25 (30.5-63.5)	500 (152)	2 (5.1)	250 (121) Note: this applies to (SP - Class 2 glass scrim) and (B2 - Class 2 non-woven polyester or nylon)	Roll of DA-SP series media bonded to a glass mat backing that is self-supporting when pleated and heat set
9	ISO-9002 Certified	12-72 (30-183)	1000 (305)	2 (5.1)	250 (121) Note: This applies to (B2 - Class 2 non-woven polyester)	Roll form, color coded for identification of efficiency ranges
10	ISO-9002 Certified	12-72 (30-183)	1000 (305)	2 (5.1)	250 (121) Note: This applies to (B2 - Class 2 non-woven polyester)	Roll form, color coded for identification of efficiency ranges

FIG. 4C

FOOT " 95802001"

U	V	W	X	Y	Z	AA	AB
Special Features	Specific Features Available Upon Request	Uses	Ratings	Manufacturer Information	Telephones #	Internet Address	Hazard Label
Neither the media binder nor Fiber Glass support microbial growth	Custom Widths and Lengths	Panel Filters, Filters for HVAC systems, Paint Spray Booths, FDA applications, Clean Rooms	Filter Media, by itself, will meet the UL Class rating when tested in accordance with UL900 "Standard for Air Filter Units"	Johns Manville	303-978-2000	http://www.jm.com	FBG-003
Neither the media binder nor Fiber Glass support microbial growth	Custom Widths and Lengths	Panel Filters, Filters for HVAC systems, Paint Spray Booths, FDA applications, Clean Rooms	Filter Media, by itself, will meet the UL Class rating when tested in accordance with UL900 "Standard for Air Filter Units"	Johns Manville	303-978-2000	http://www.jm.com	FBG-003
Neither the media binder nor Fiber Glass support microbial growth	Custom Widths and Lengths	Panel Filters, Filters for HVAC systems, Paint Spray Booths, FDA applications, Clean Rooms	Filter Media, by itself, will meet the UL Class rating when tested in accordance with UL900 "Standard for Air Filter Units"	Johns Manville	303-978-2000	http://www.jm.com	FBG-003
Neither the media binder nor Fiber Glass support microbial growth	Custom Widths and Lengths	Panel Filters, Filters for HVAC systems, Paint Spray Booths, FDA applications, Clean Rooms	Filter Media, by itself, will meet the UL Class rating when tested in accordance with UL900 "Standard for Air Filter Units"	Johns Manville	303-978-2000	http://www.jm.com	FBG-003
Neither the media binder nor Fiber Glass support microbial growth	Custom Widths and Lengths: additional grades are available to meet specific applications	Panel Filters, Filters for HVAC systems, Paint Spray Booths, FDA applications, Clean Rooms	Filter Media, by itself, will meet the UL Class rating when tested in accordance with UL900 "Standard for Air Filter Units"	Johns Manville	303-978-2000	http://www.jm.com	FBG-003
Neither the media binder nor Fiber Glass support microbial growth	Custom Widths and Lengths: additional grades are available to meet specific applications	Panel Filters, Filters for HVAC systems, Paint Spray Booths, FDA applications, Clean Rooms	Filter Media, by itself, will meet the UL Class rating when tested in accordance with UL900 "Standard for Air Filter Units"	Johns Manville	303-978-2000	http://www.jm.com	FBG-003

FIG. 4D

Category - Air Filtration

Johns - Manville Delta-Aire Air Filtration

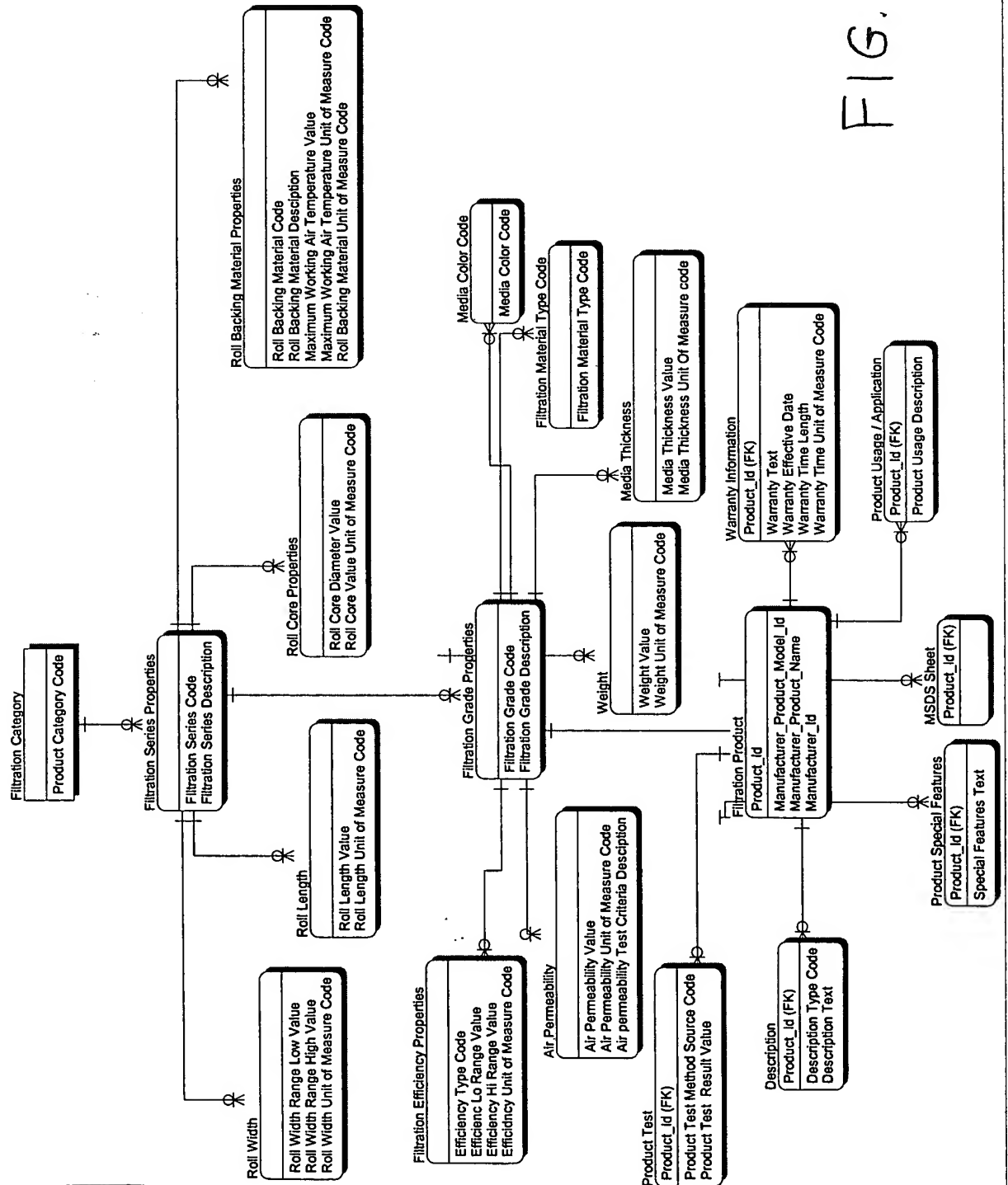


FIG. 5

TOTAL " 95802001

Product Category

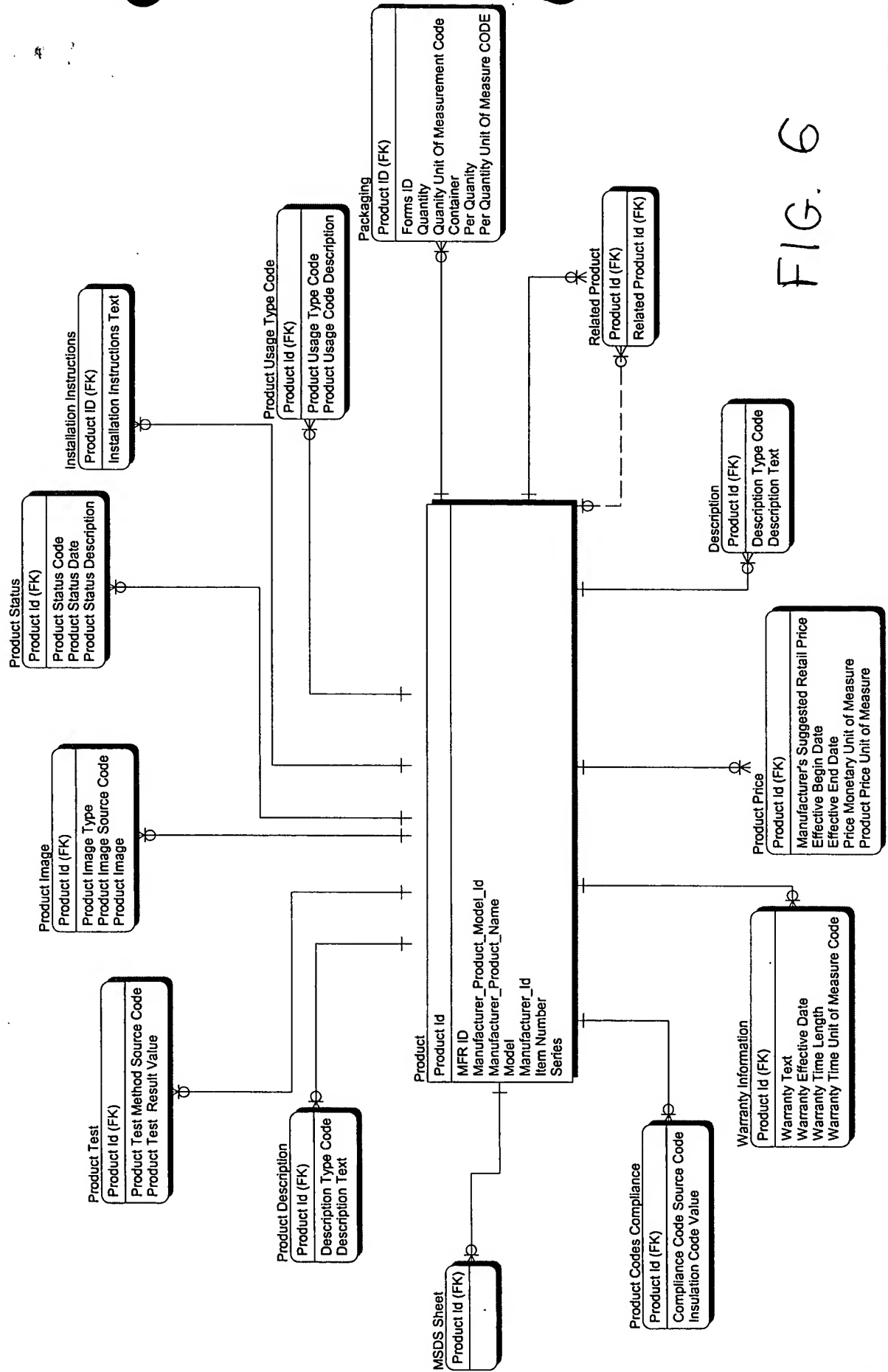


FIG. 6



Indigo Run

Logout

Your open project is:
Indigo Run
To view project profile,
click on project name.

My Recent Projects	5
My Open Projects	5
My Closed Projects	5
My Products	5

Title: Assimilation, Integration and Deployment ... Technology
Inventors: Jonathan S. Levkoff et al.
Attorney Docket No. 10776-1U1
Cust. No. 570
Express Mail Label No. EL665884681US

Home / Corporate / Careers / Site Map / Contact Us

Language

U.S. English

Project Notebook

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Toolbox

Reports

Settings

Help

UCID

Return to Report Builder

Indigo Run Reports

Total Product Cost ▼ Report to View

Product Name	Manufacturer	Data/Built Number	Quantity	NSRP	Total Cost
<input type="checkbox"/> 1. Wood Window	Pella	123A23B7678CD7825FAC218	5	US\$ 160	US\$ 800
<input type="checkbox"/> 2. Fluorescent Light	Lithonia	56324120AB4546221CEF215	10	US\$ 50	US\$ 500
<input type="checkbox"/> 3. Toilet	American Standard	35689ADF895213005B3EF69	3	US\$ 120	US\$ 360
<input type="checkbox"/> 4. Wood Connector	Simpson	789601098ADE19708584CDE	4	US\$ 5	US\$ 20
<input type="checkbox"/> 5. Modular Brick	Triangle	7678CD7825FAC218123A23B	7	US\$ 1,500	US\$ 10,500
<input type="checkbox"/> 6. Gypsum Sheathing	National Gypsum	8CD7825FAC218123A23B767	1	US\$ 200	US\$ 200
<input type="checkbox"/> 7. Elevator	Otis	23B7678CD7825FAC218123A	1	US\$ 25,000	US\$ 25,000
<input type="checkbox"/> 8. Cement Mix	LaFarge	5FAC218123A23B7678CD782	1	US\$ 750	US\$ 750
<input type="checkbox"/> 9. Kitchen Faucet	Delta	CD7825FAC218123A23B7678	2	US\$ 90	US\$ 180
<input type="checkbox"/> 10. Wood Door	Weyerhaeuser	78CD7825FAC218123A23B76	4	US\$ 180	US\$ 720
Total Project Cost					US\$ 39,030

Print Export Compare Products Edit Contents Edit Template

Return to Report Builder

FIG. 7A

[Logout](#)[Project Notebook](#)[Search](#)[Toolbox](#)[Reports](#)[Settings](#)[Help](#)

Your open project is:

Indigo RunTo view project profile,
click on project name.**Indigo Run Reports**

Product Quantity ▼

[Report to View](#)[Return to Report Builder](#)

<input type="checkbox"/>	Product Name	Manufacturer	Product Description	DataBult Number	Quantity	MSRP
<input type="checkbox"/>	1. Wood Window	Pella	Double-Hung	123A23B7678CD7825FAC218	5	US\$ 160
<input type="checkbox"/>	2. Fluorescent Light	Lithonia	2' x 4' Recessed	56324120AB4546221CEEF215	10	US\$ 50
<input type="checkbox"/>	3. Toilet	American Standard	Floor Mount	35689ADF895213005B3EF69	3	US\$ 120
<input type="checkbox"/>	4. Wood Connector	Simpson	Wood-to-Wood	789601999ADE19708584CDE	4	US\$ 5
<input type="checkbox"/>	5. Modular Brick	Triangle	Standard Red	7678CD7825FAC218123A23B	7	US\$ 1,500
<input type="checkbox"/>	6. Gypsum Sheathing	National Gypsum	4' x 8' Standard	8CD7825FAC218123A23B767	1	US\$ 200
<input type="checkbox"/>	7. Elevator	Otis	Pneumatic Piston	23B7678CD7825FAC218123A	1	US\$ 25,000
<input type="checkbox"/>	8. Cement Mix	LaFarge	Standard White	5FAC218123A23B7678CD782	1	US\$ 750
<input type="checkbox"/>	9. Kitchen Faucet	Delta	Traditional	CD7825FAC218123A23B7678	2	US\$ 90
<input type="checkbox"/>	10. Wood Door	Weyerhaeuser	6-Panel Red Oak	78CD7825FAC218123A23B76	4	US\$ 180

[Print](#)[Export](#)[Compare Products](#)[Edit Contents](#)[Edit Template](#)[Return to Report Builder](#)

FIG. 7B



DATA BUILD

Home / Corporate / Careers / Site Map / Contact Us

Language

U.S. English

Logout

Your open project is:

Indigo Run

To view project profile,
click on project name.

Indigo Run Reports

Product

Product Name

- ☐ 1. Wood Window
- ☐ 2. Fluorescent Light
- ☐ 3. Toilet
- ☐ 4. Wood Connector
- ☐ 5. Modular Brick
- ☐ 6. Gypsum Sheathing
- ☐ 7. Elevator
- ☐ 8. Cement Mix
- ☐ 9. Kitchen Faucet
- ☐ 10. Wood Door

[Print](#)

[Export](#)

[Compare Products](#)

[Edit Contents](#)

[Edit Template](#)

Warning

You have recently moved this project to a new location. Some of the products that you have selected do not meet code requirements in the new jurisdiction. It is highly recommended that you replace the following products:

DataBult Number	Manufacturer	Product Name
<input type="checkbox"/> 123A23B7678CD7825FAC218	Pella	Wood Window
<input type="checkbox"/> 56324120AB4546221CEF215	American Standard	Toilet
<input type="checkbox"/> 35689ADF895213005B3EF69	Triangle	Modular Brick
<input type="checkbox"/> 789601099ADE19708584CDE	Otis	Elevator

[Find Comparable Products](#)

[Review Code](#)

[Ignore](#)

UCID

Project Notebook

Search

Toolbox

Reports

Settings

Help

[Return to Report Builder](#)


Quantity MSRP

218	5	US\$ 160
215	10	US\$ 50
169	3	US\$ 120
1DE	4	US\$ 5
23B	7	US\$ 1,500
767	1	US\$ 200
23A	1	US\$ 25,000
782	1	US\$ 750
CD7825FAC218123A23B7678	2	US\$ 90
78CD7825FAC218123A23B76	4	US\$ 180

[Return to Report Builder](#)

FIG. 7C

"AEC Solutions 2002"



Home / Corporate / Careers / Site Map / Contact Us / Logout

Language U.S. English

[Logout](#)
[Project Notebook](#)
[Search](#)
[Toolbox](#)
[Reports](#)
[Settings](#)
[Help](#)

PROJECT ADMINISTRATOR PRIVILEGES ENABLED

Please complete the project profile, project team, and related companies.

[New Project Profile](#)
[New Project Team](#)
[New Project Related Companies](#)

Project Information

☐ Required *
☐ Confidential

Date Created*

Project Name*

Project Number*

Country*

Postal Code*

Address*

State/Province/Canton*

City*

Project Description

Project e-mail Address
 Phone Number
 Fax Number
 Project Web site Address

[Company](#)
[My User Profile](#)
[My Projects](#)
[My Products](#)

FIG. 7D

FIG. 7C



Logout

Your open project is:

None

To view project profile,
click on project name.

Company

My User Profile

My Projects

My Products

U.S. English

Language

Home / Corporate / Careers / Site Map / Contact Us / Logout

Help

Settings

Reports

Toolbox

Search

Project Notebook

Project Preferences

Specification
System

Master Format

Project Details

Business
Sector

Choices

- ☒ Commercial
- ☐ Residential
- ☐ Infrastructure

Preliminary Budget:

US \$2,000,000

Preliminary Size:

55,000 square feet

Preliminary Completion Date:

12/10/2002

Project Type:

Developers

Healthcare

Building Type:

New Construction

Surgical

Project Graphic Sym bology

Application

File Name

Last Modified Date

User Name

DataBull Default

Upload New Sym bology

Finish

After project profile, team and related companies are defined, click Finish to save.

FIG. 7E



U.S. English

Language

Home: Corporate | Careers | Site Map | Contact Us | Logout

Logout

Project Notebook

Search

Toolbox

Reports

Settings

Help

Your open project is:

None

To view project profile, click on project name.

Company

My User Profile

My Projects

My Products

COPY <Project Name> Preferences

Specification System: Master Format

COPY <Project Name> Details

Business Sector: Choices

- ☒ Commercial
- ☐ Residential
- ☐ Infrastructure

Preliminary Budget: US \$2,000,000

Preliminary Size: 55,000 square feet

Preliminary Completion Date: 12/10/2002

Project Type: Developers

Primary Function: Healthcare

Building Type: New Construction

Secondary Function: Surgical

COPY <Project Name> Graphic Symbolology

Application File Name Last Modified Date User Name

DataBull Default

Upload New Symbol

Finish

After project profile, team and related companies are defined, click Finish to save.

FIG. 7H



Logout

Your open project is:

Indigo Run

To view project profile, click on project name.

Company

My User Profile

My Projects

My Products

<Project Name> Project Profile (Read-only)

Project Profile Project Team Project Related Companies

Project Information

Project Information

Project Name: Indigo Run
 Project Number: 3589
 Date Created: 10/11/2001
 Country: USA
 Postal Code: 29910
 State/Province/Canton: South Carolina
 City: Bluffton

Confidential: Yes
 Project Address: 1476 Fording Island Rd.
 Project Description: This is my project description.
 Project Phone Number: 843-838-2166
 Project e-mail Address: project@indigorun.com
 Project Web Site: www.indigorun.com

Project Details

Business Sector: Commercial
 Project Type: Developers - Commercial
 Building Type: New Construction
 Preliminary Completion Date: 12/10/2002

Preliminary Budget: US \$2,000,000
 Preliminary Size: 55,000 square feet
 Primary Function: Golf Clubhouse
 Secondary Function: Commercial Kitchen

Project Preferences

Specification System: Master Format

Project Graphic Symbolology

MicroStation J: MicroStation - Commercial
 AutoCAD 2002: AutoCAD - Consultants

Close Window

FIG. 7I

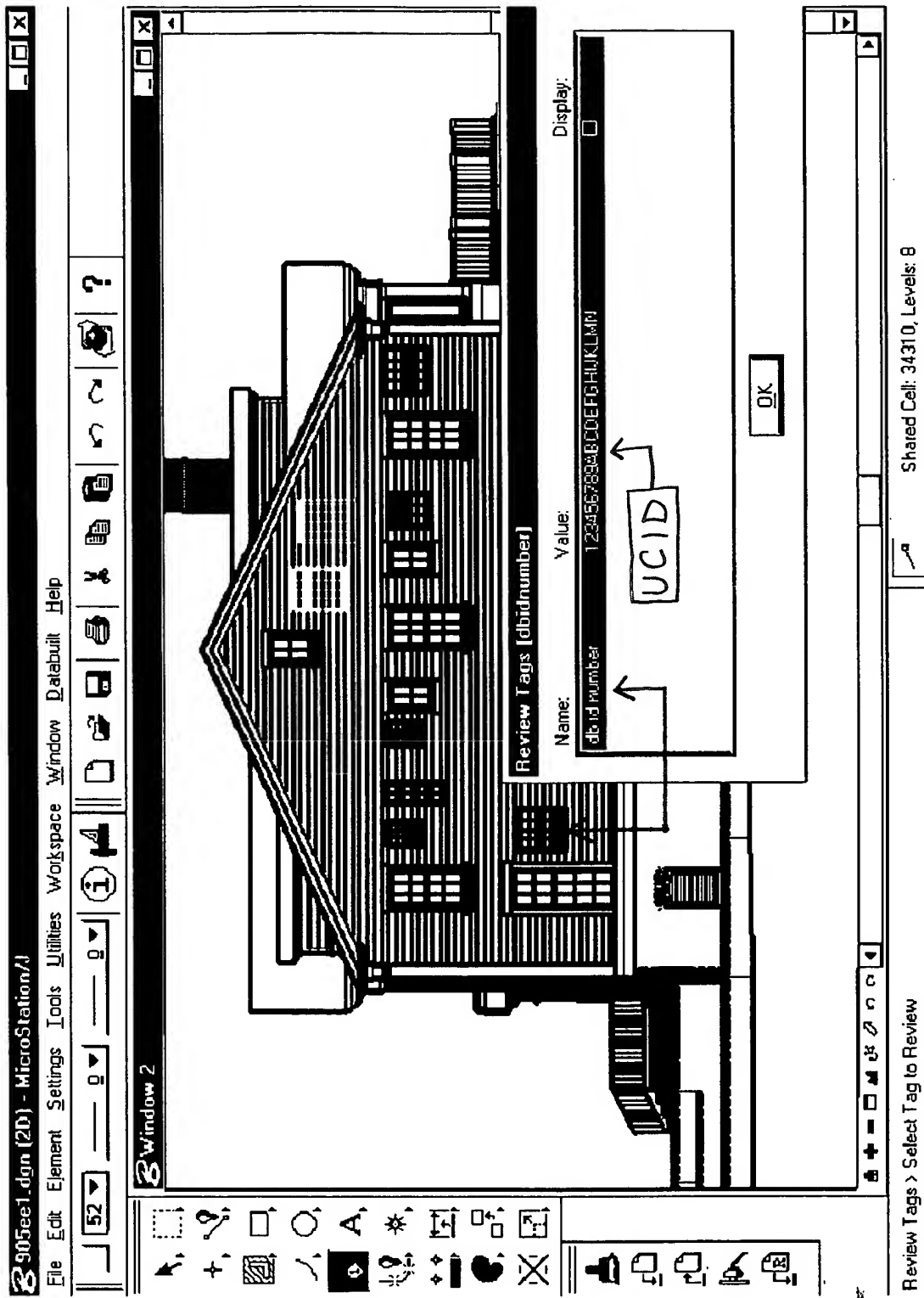


FIG. 8A

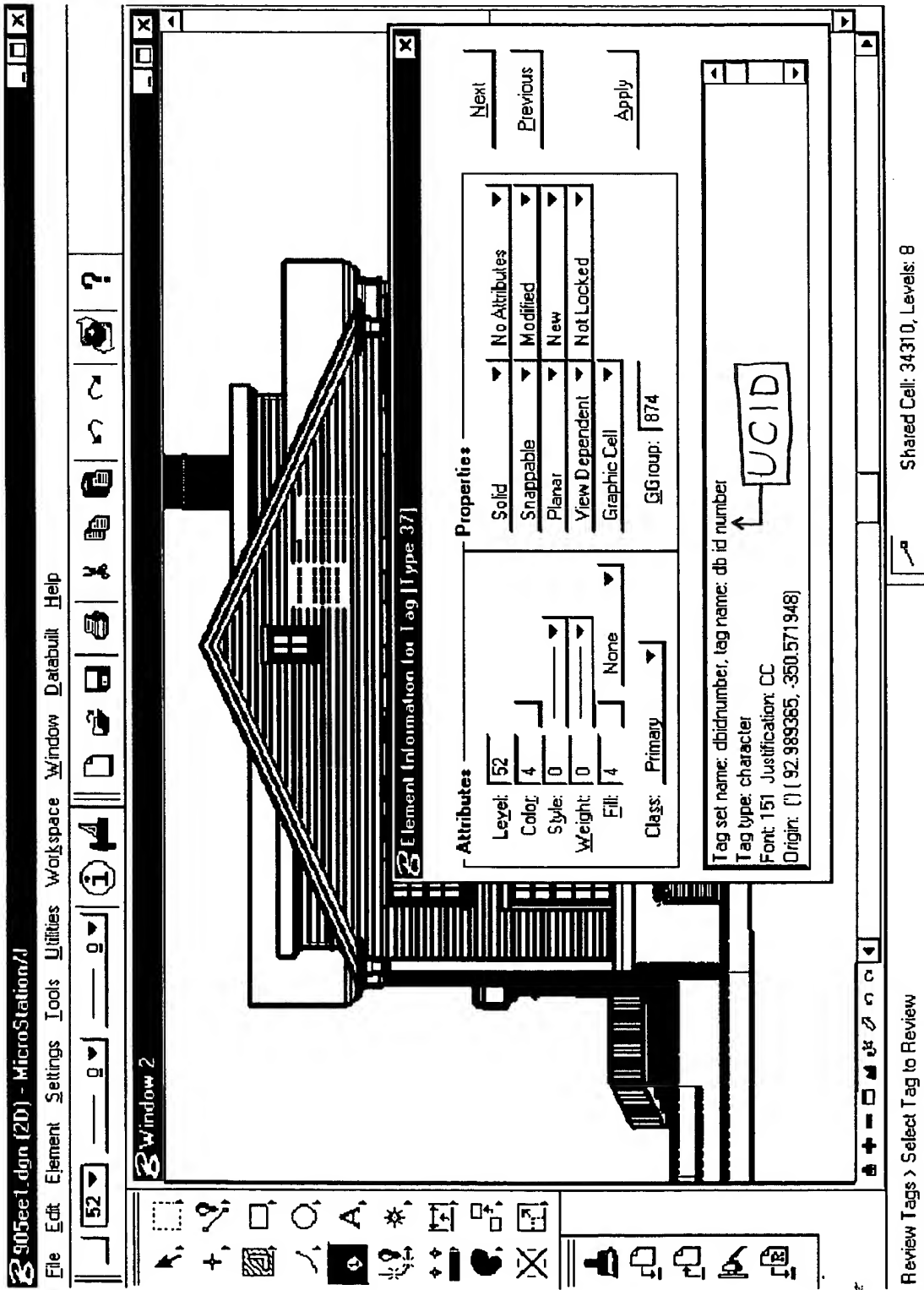


FIG. 8B

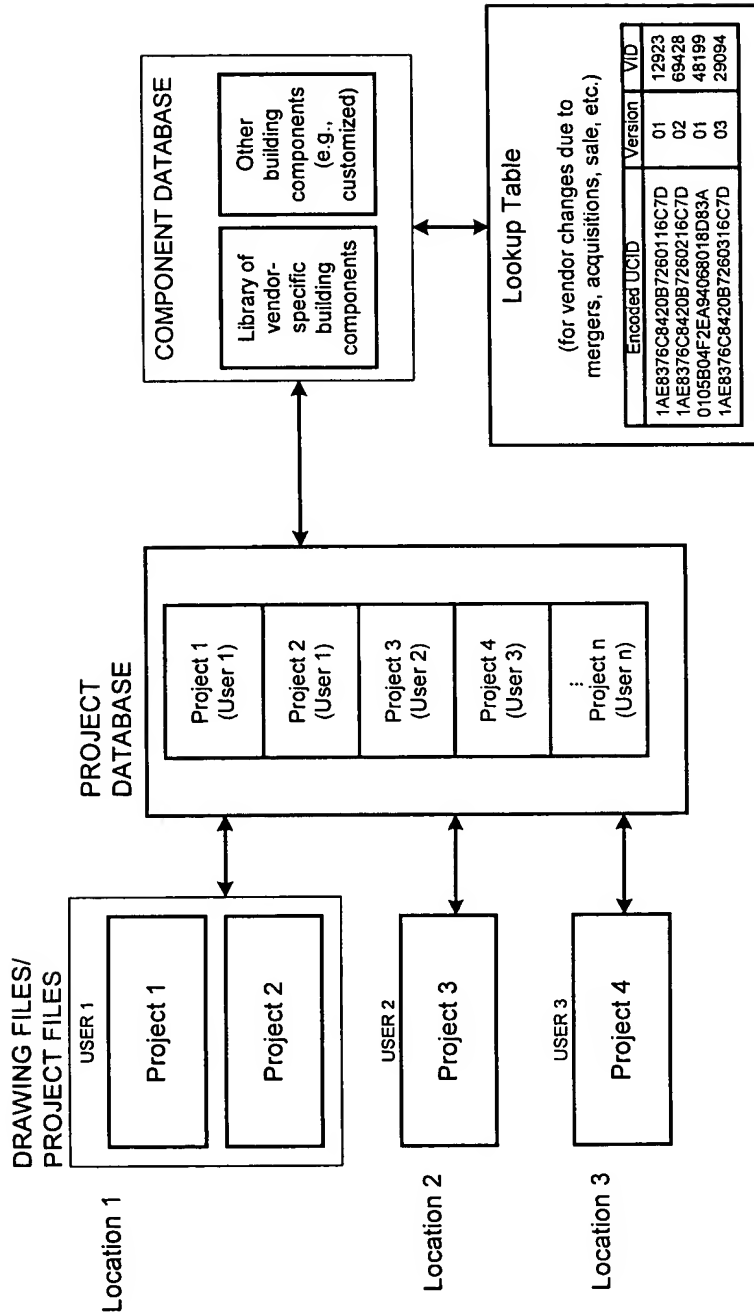


FIG. 9

T03T2T 9580200T

VID GCID

Manufacturer	Product Name	DataBuilt Internal ID		Barcode			External Object Identifier (EOI)
		Mfr ID	Product ID	Mfr ID	Product ID	Version	
1 General Electric	3-inch Downlight	4992408	354622628234	4C2D98	529127E18A	00 73A5F	1.5.62.5.1.6.2.64.13.8.42.1.5.6.5
2 Lithonia	Recessed Accent	842562	354622628234	0CDB42	529127E18A	00 F62D8	1.5.62.5.1.6.2.64.13.8.39.1.5.5.4
3 Concord Lighting	Recessed Spot	3467626	354622628234	34E96A	529127E18A	01 A5162	1.5.62.5.1.6.2.64.13.8.42.1.5.6.5
4 Lightolier	In-Ceiling Spot	14551	12314819810	0038D7	2DE053CE2	00 251E5	1.5.62.5.1.6.2.64.13.0.42.0.7.2.0
5 Lightolier	Recessed Hi-Hat	14551	29348577299	0038D7	06D54FC013	00 82335	1.5.62.5.1.6.2.64.13.8.42.1.5.6.9
6 Champion Lighting	3 Inch Spot	241563	99274902850	03AF9B	171D3ECD42	00 D9391	1.5.62.5.1.6.2.64.13.6.42.1.5.6.9

unencoded UCID encoded UCID

FIG. 10

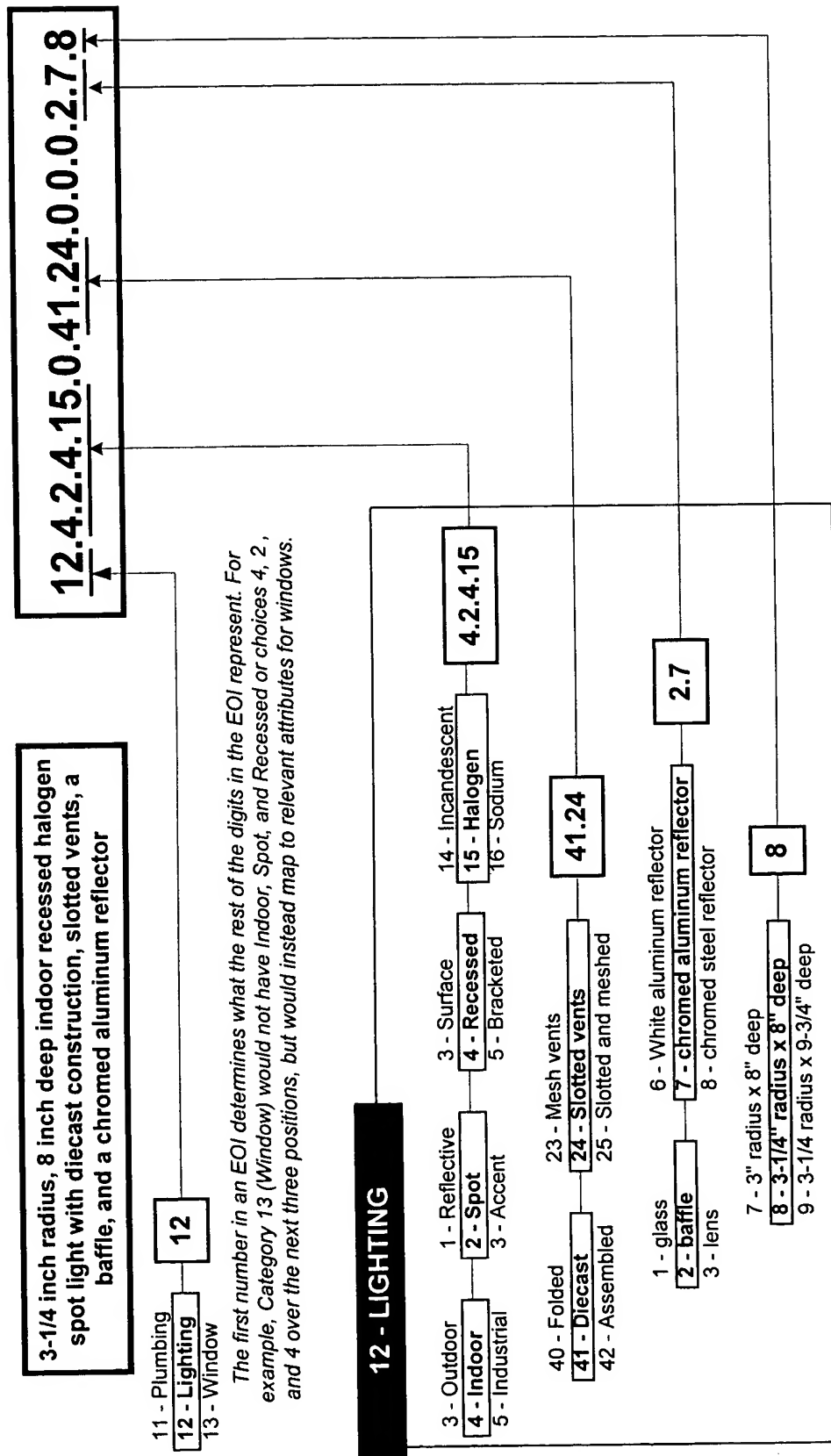


FIG. 11



PAVILION

Home / Corporate / Careers / Site Map / Contact Us

Language

U.S. English

Logout

Your open project is:

Indigo Run

Company

My User Profile

My Projects

Favorites

UCID

Title: Assimilation, Integration and Deployment ... Technology

Inventors: Jonathan S. Levkoff et al.
Attorney Docket No. 10776-1U1
Express Mail Label No. EL665884681US
Cust. No. 570

Project Notebook

Search

Toolbox

Reports

Settings

Help

Products

Manufacturers Suppliers Codes Regulatory Agencies News

Help Me Search
Product Directory
Search Preferences

Keyword Search

Go

Detailed Search

Rebuild Display
Click arrow to
expand the result
display options.

View Details

Remove

View Details

Remove

View Details

Remove

Manufacturer

Pella

Anderson

Marvin

Data Built

Identification
Number

123A23B7678CD7825FAC218

56324120AB4646221CEF215

35689ADF895213005B3EF69

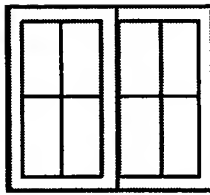
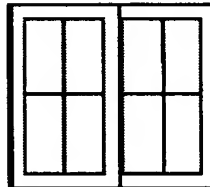
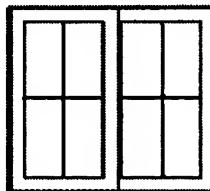
Product Type

Double Hung Window

Double Hung Window

Double Hung Window

2D/3D CAD
Graphics



Manufacturer
Model Number

PL749820

AD57984563

MV2246881

MSRP

\$350

\$300

\$325

Dimensions

20" x 30"

20" x 30"

20" x 30"

Warranty

10 years

5 years

7 years

Engineering
Specifications

Here are the engineering
specs.

Here are the engineering
specs.

Here are the engineering
specs.

Performance
Criteria

Here is the performance
criteria.

Here is the performance
criteria.

Here is the performance
criteria.

FIG. 12



Indigo Run

Logout

Your open project is:

Indigo Run

Company

My User Profile

My Projects

Favorites

Title: Assimilation, Integration and Deployment Technology
Inventors: Jonathan S. Levkoff et al.
Attorney Docket No. 10776-1U1 Cust. No. 570
Express Mail Label No. EL665884681US

FIG. 13

Home / Corporate / Careers / Site Map / Contact Us

U.S. English

Project Notebook

Search

Toolbox

Reports

Settings

Help

Products

Manufacturers

Suppliers

Codes

Regulatory Agencies

News

Help Me Search
Product Directory
Search Preferences

Keyword Search

Go

Detailed Search

Product Attributes

Finish

HDG

Size

Option 1a

Warranty

Option 1ba

Find Comparable Products

Save to My Favorites

Manufacturer Name, Product Name

MSRP

DataBuilt ID Number

LCB: Low-cost post base for patios, carports, breezeways and porches.

CB: For columns that require high structural values and rugged performance.

Finish: LCB, CB44, CB46, CB66—galvanized; CB—gray paint or HDG.

Installation:

Use all specified fasteners. See General Notes.

For full loads, minimum side cover required is 3" for CB, 2" for LCB.

Install all models with bottom of base plate flush with concrete.

Not recommended for non-top-supported installations such as fences.

Options:

The LCB may be shipped unassembled; specify "Disassembled".

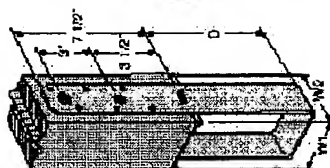
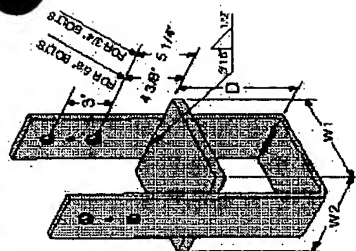
Codes: BOCA, ICBO, SBCCI NER-393, City of L.A. RR 24818.

Warranty Info

This Limited Warranty must be read in conjunction with the General Notes, Instructions to the Installer, Instructions to the Designer, Building Codes and Design Loads, Corrosion Resistance, Definitions, Sample Specifications and Terms & Conditions of Sale, along with the information regarding Manufacturer's Name products contained on this website.

Select a category and type in a keyword or keywords into the search field and click Go.

Click arrow to expand the result display options



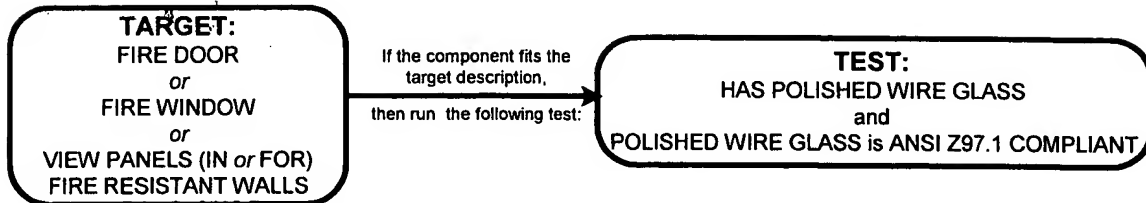


FIG. 14

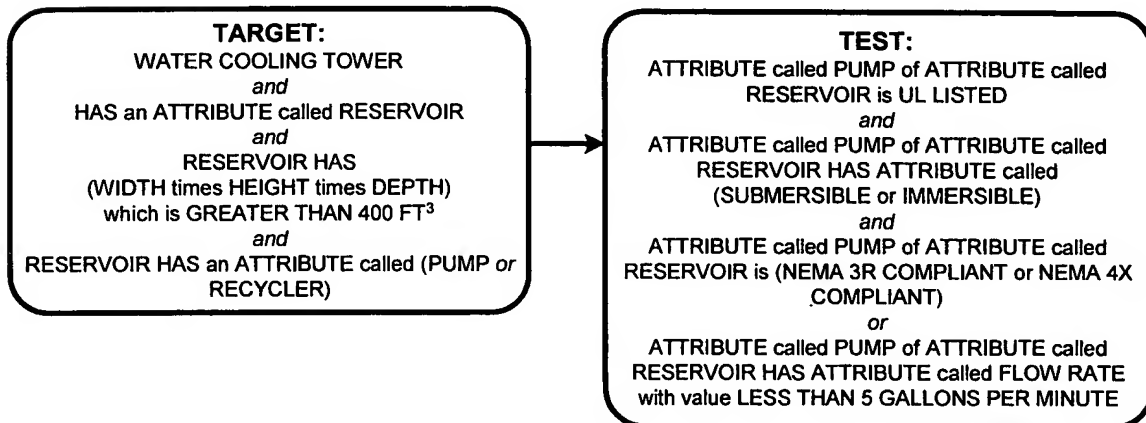


FIG. 15

10020656-12-1201

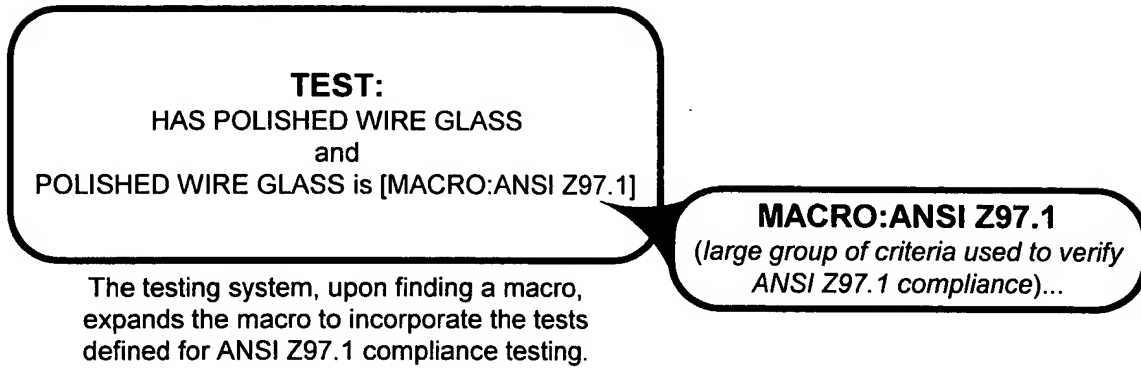


FIG. 16

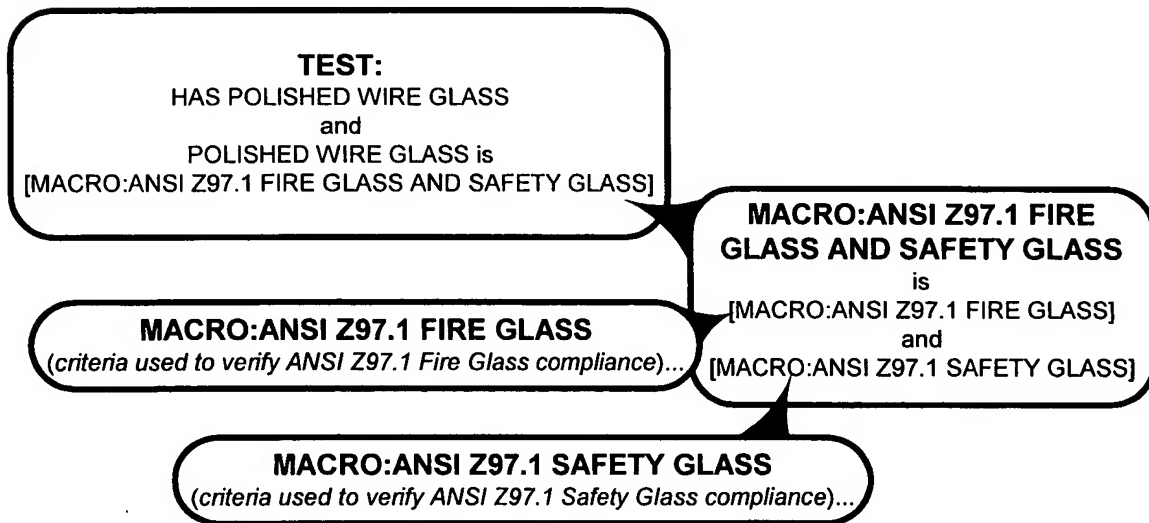


FIG. 17

10020655-121201

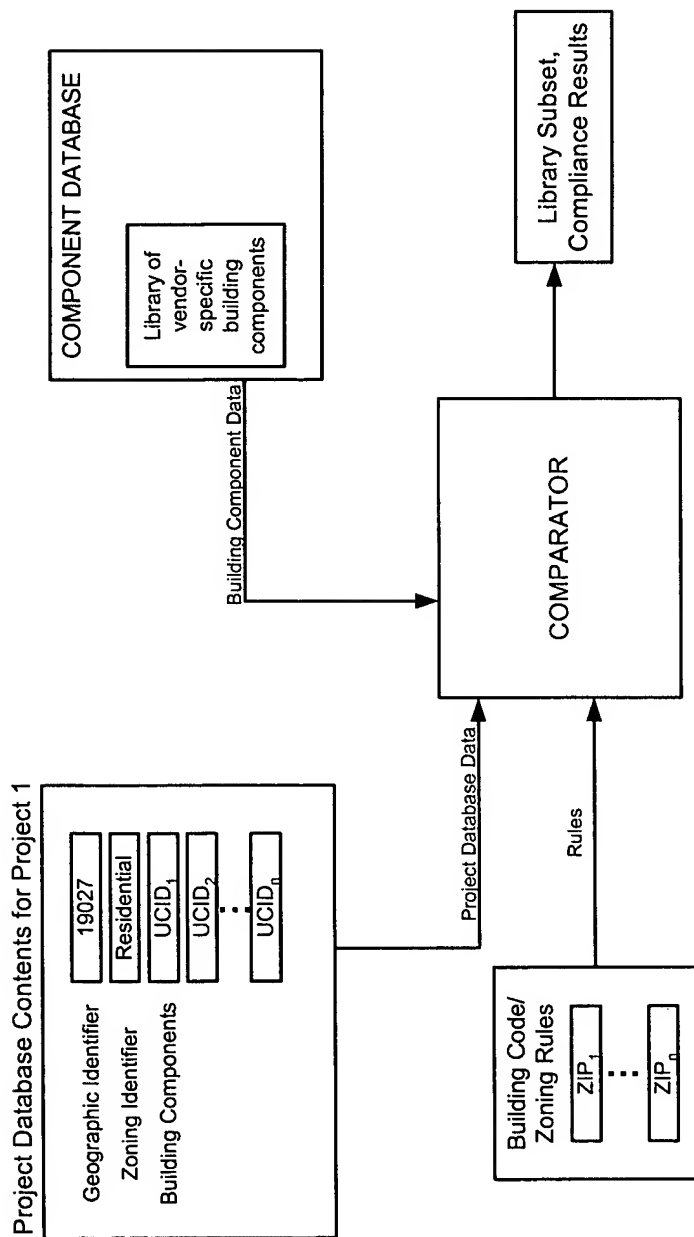


FIG. 18

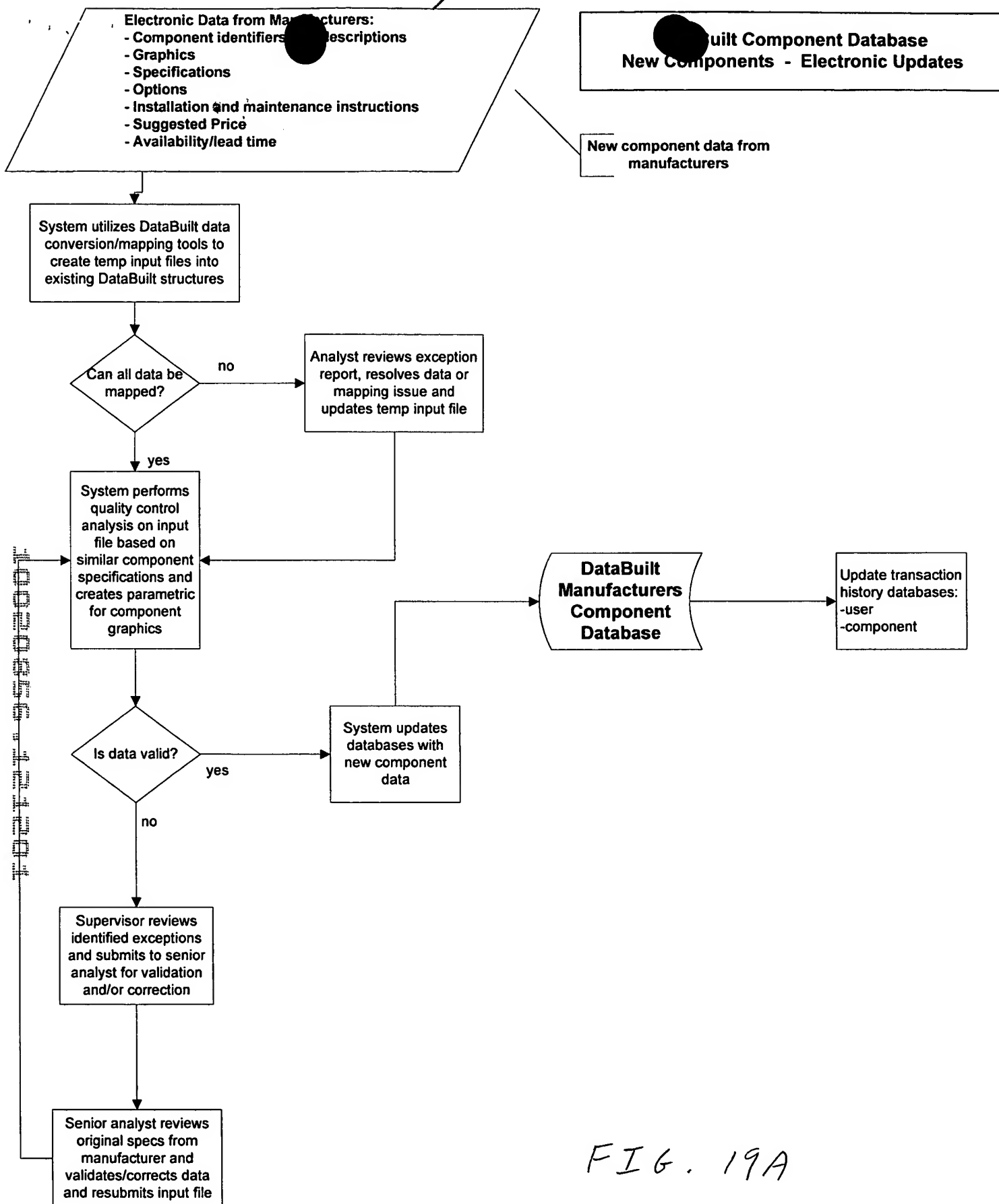


FIG. 19A

PROCESS FLOW: 1

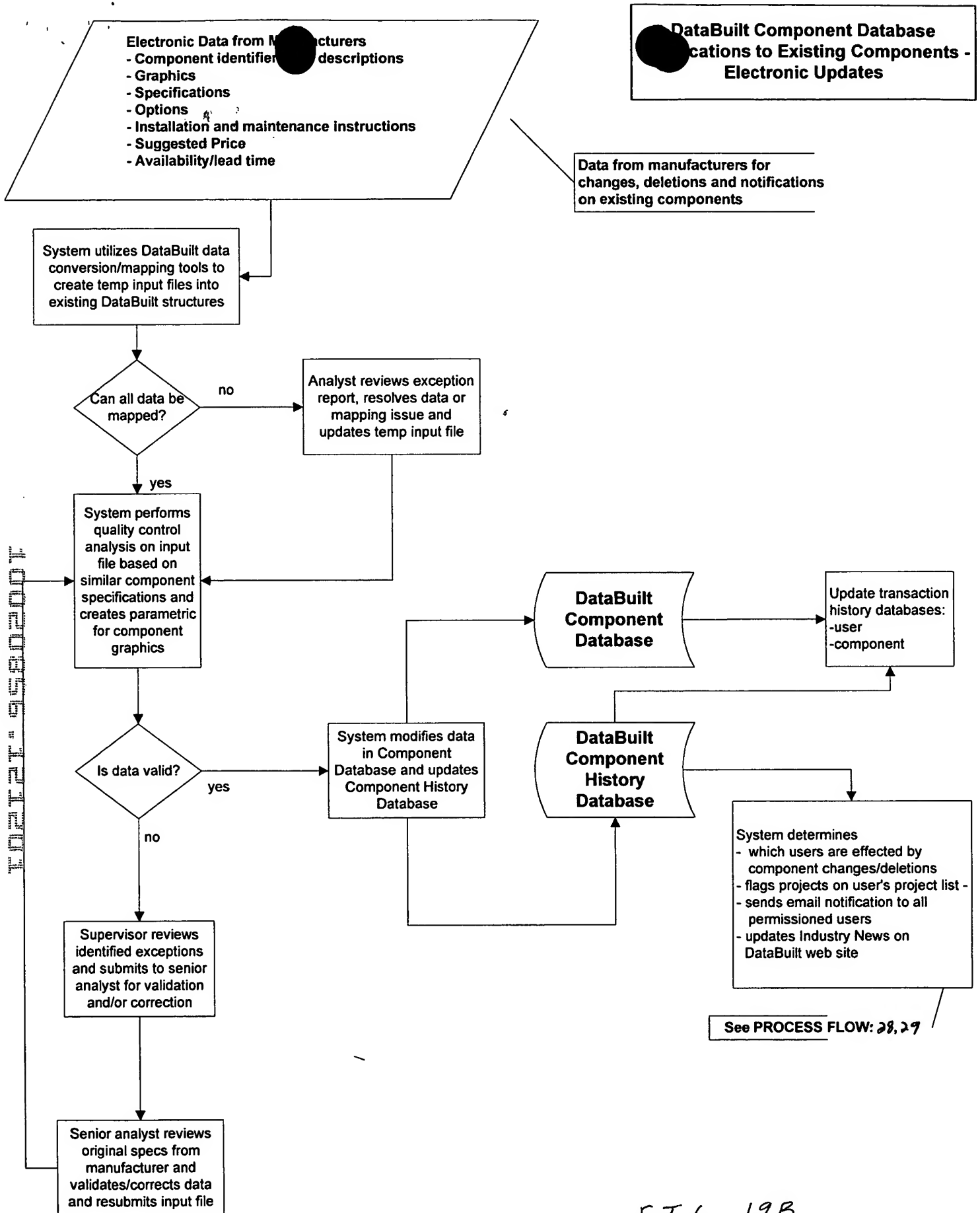


FIG. 19B

PROCESS FLOW: 2

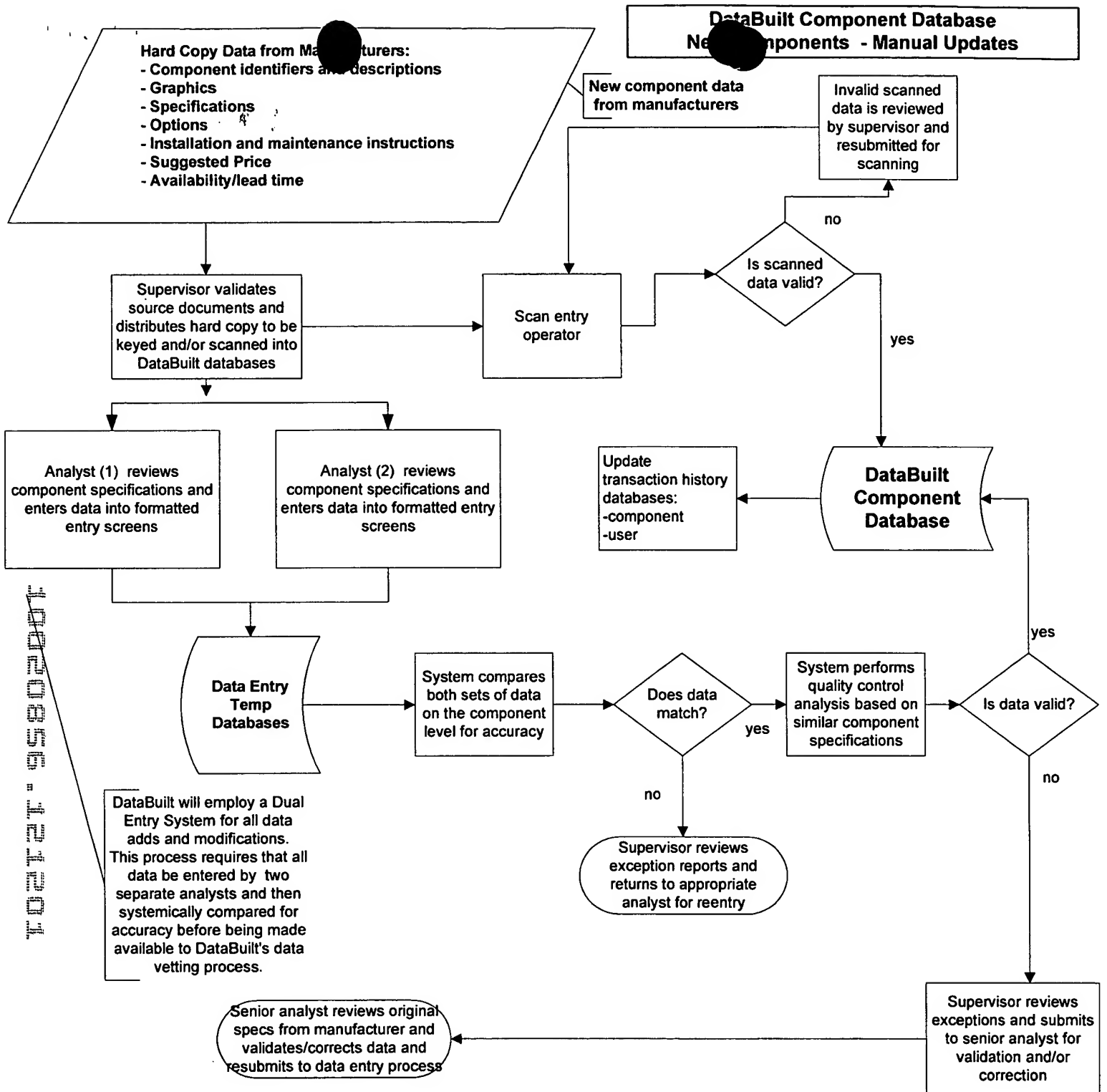
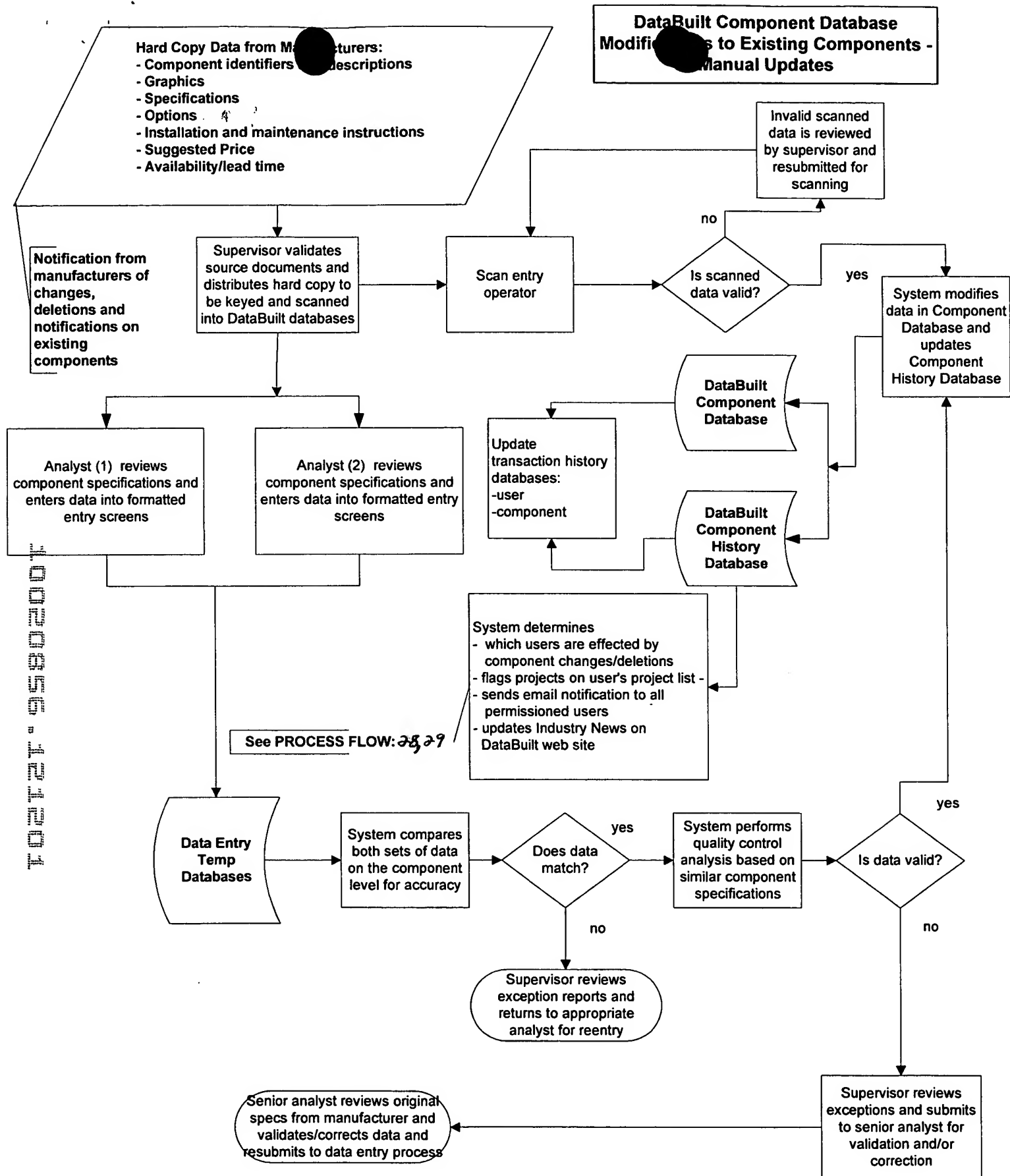


FIG. 19C

PROCESS FLOW: 3



PROCESS FLOW: 4

FIG. 19D

Compliance Database:

- Permitting
- Building Codes
- Engineering Specifications
- Engineering Best Practices
- Insurance Requirements
- Lender Requirements
- Governmental Regulatory Requirements (e.g. FEMA, FERC, FDA GNMA, OSHA, EPA etc.)
- Owner-Operator Standards
- AEC User Standards

DataBuilt Compliance Database
New Specifications - Manual/Electronic Updates

New Specifications

Supervisor receives hard/
electronic copies,
validates sources, logs
and passes to analysts for
manual data mapping into
compliance databases

Analyst (1) reviews
specifications and maps text
into appropriate formatted
entry screens. Information
which can not be mapped into
existing screens is passed
back to supervisor for review
and resolution.

Data Entry Temp
Databases

Analyst (2) reviews the
on-line entries from
Analyst (1) and validates
interpretation of
specification into
formatted entry screens

Update transaction
history databases:
-user
-compliance

DataBuilt
Compliance
Databases

Is data
validated?

yes

no

System performs
quality control
analysis

yes

no

Exceptions are
passed back to
Analyst (1) for
review and re-
entry

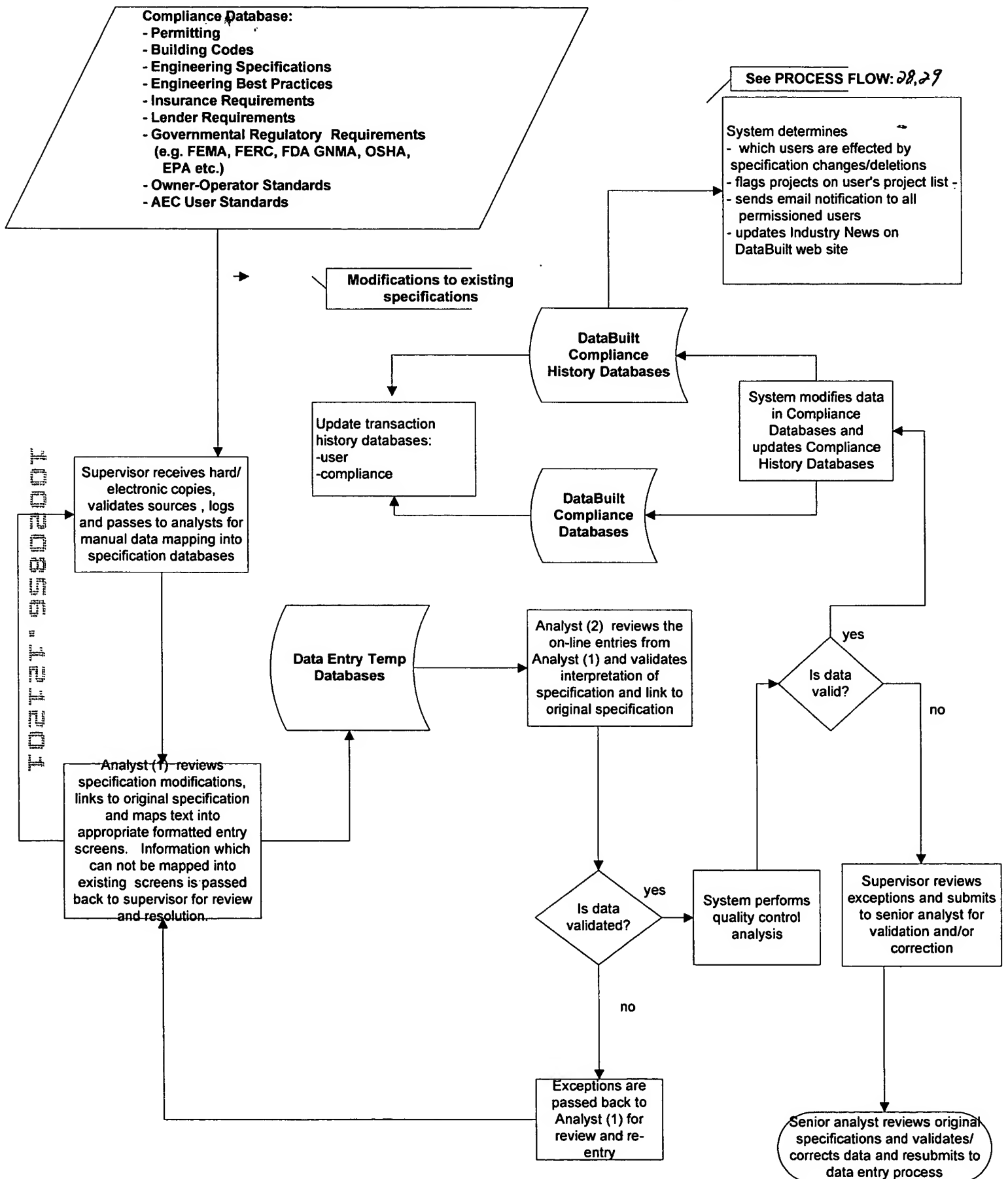
Senior analyst reviews original
specifications and validates/
corrects data and resubmits to
data entry process

Supervisor reviews
exceptions and submits
to senior analyst for
validation and/or
correction

PROCESS FLOW: 5

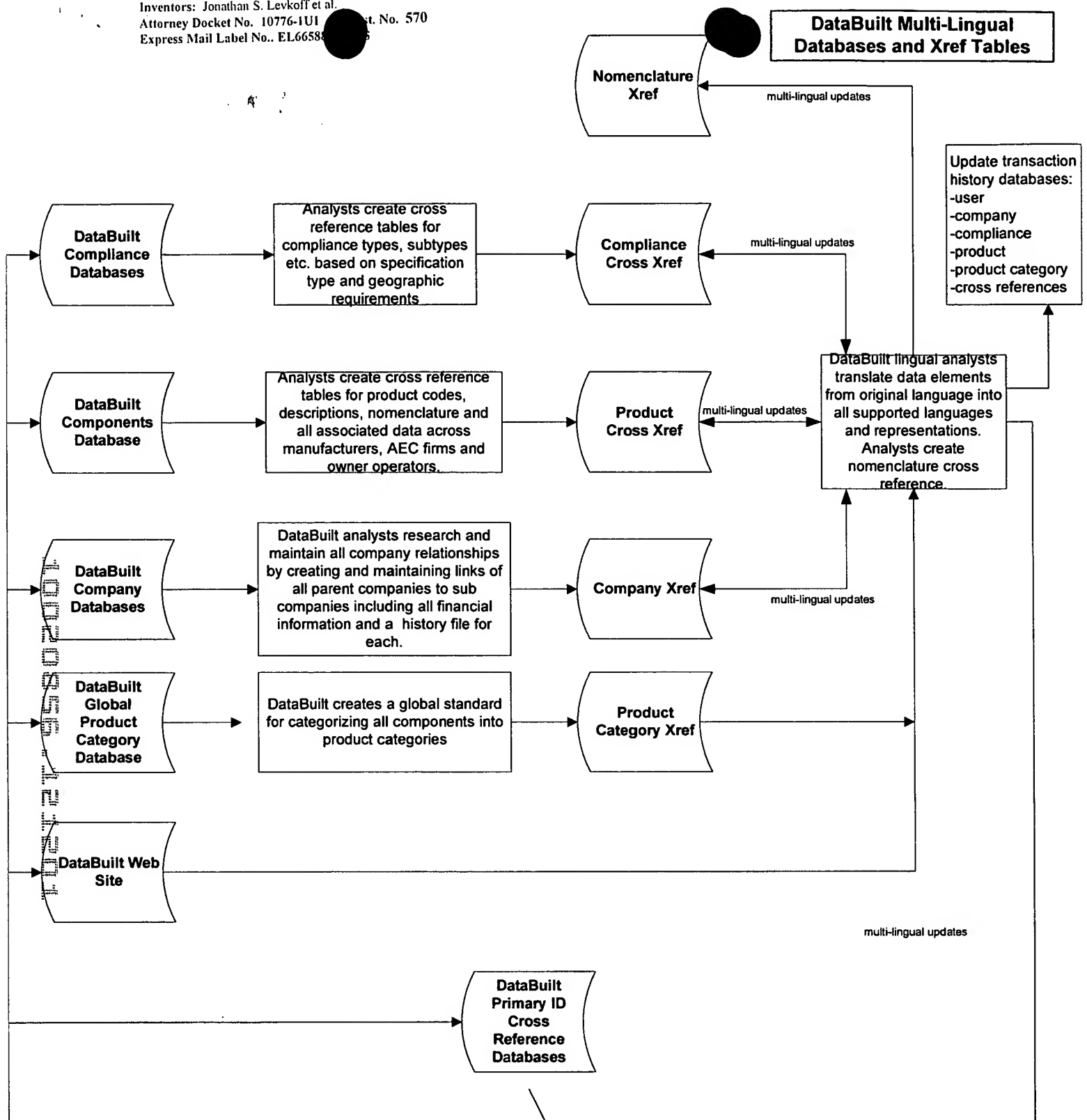
FIG. 19E

**Data Compliance Database
 Modifications Manual/Electronic Updates**



PROCESS FLOW: 6

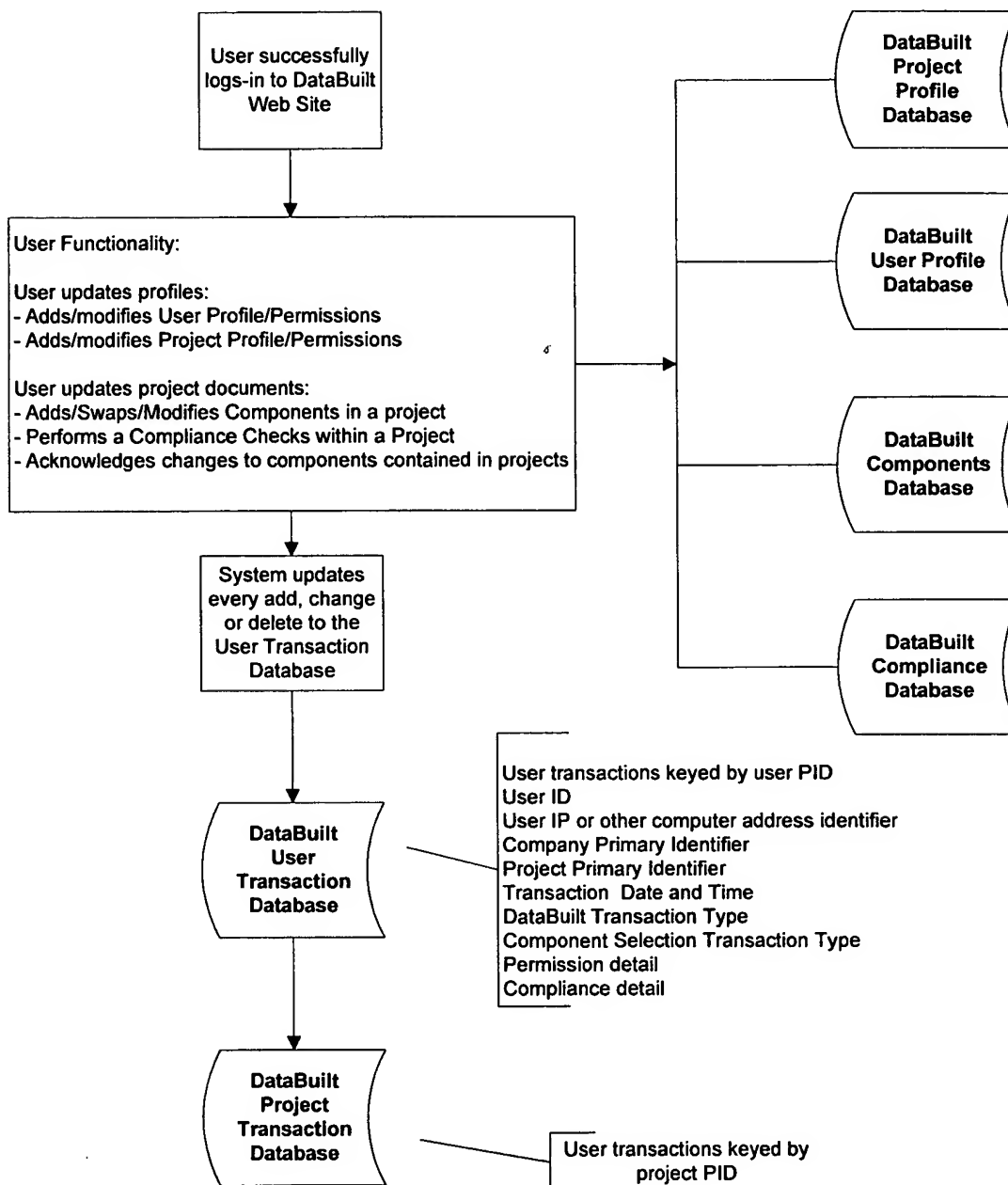
FIG. 19F



DataBuilt assigns a DataBuilt Unique Primary ID (PID) to all data elements stored in DataBuilt Databases (e.g. user names, company names, component names, compliance code types (permit types, building codes, engineering specification type etc.), product categories etc.).

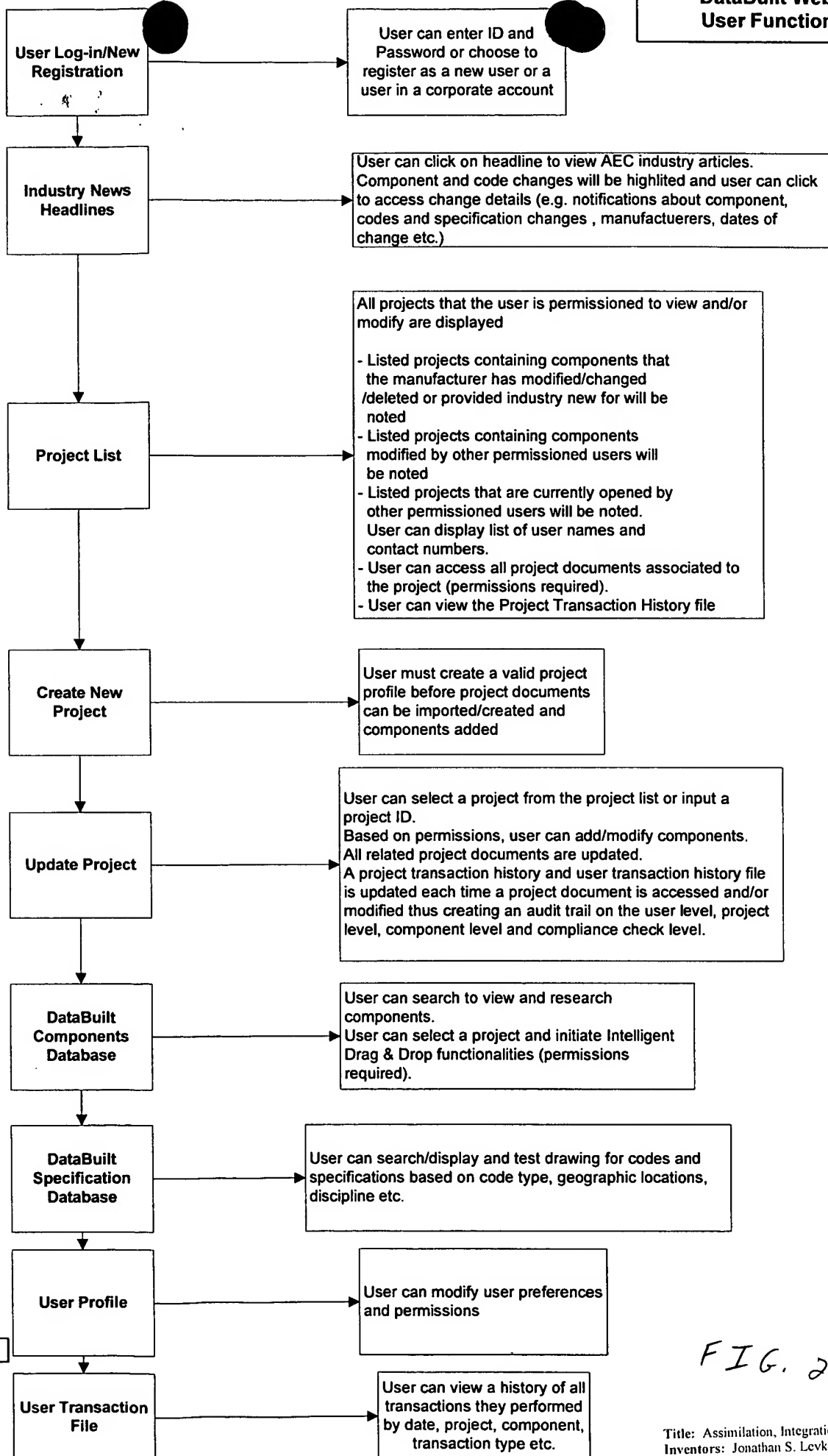
For every PID established by DataBuilt, a sophisticated cross reference system is created which links DataBuilt's PID to all other IDs and information (description etc.) used in the AEC industry and in general business. This allows DataBuilt to add, maintain and track history by linking all data elements to the single unique identifier.

**DataBUILT User Transaction
Databases**



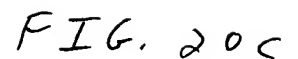
PROCESS FLOW: 8

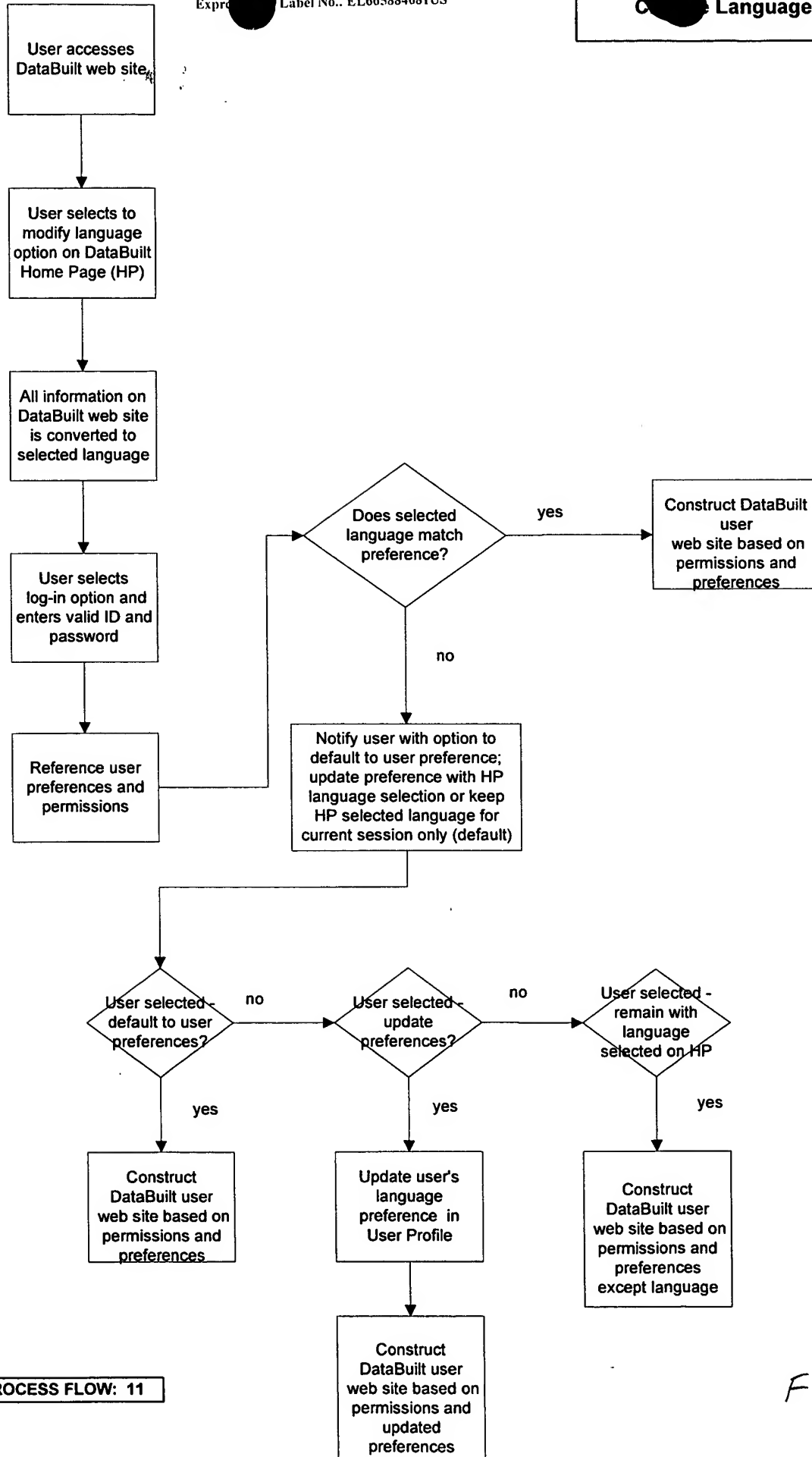
FIG. 20A

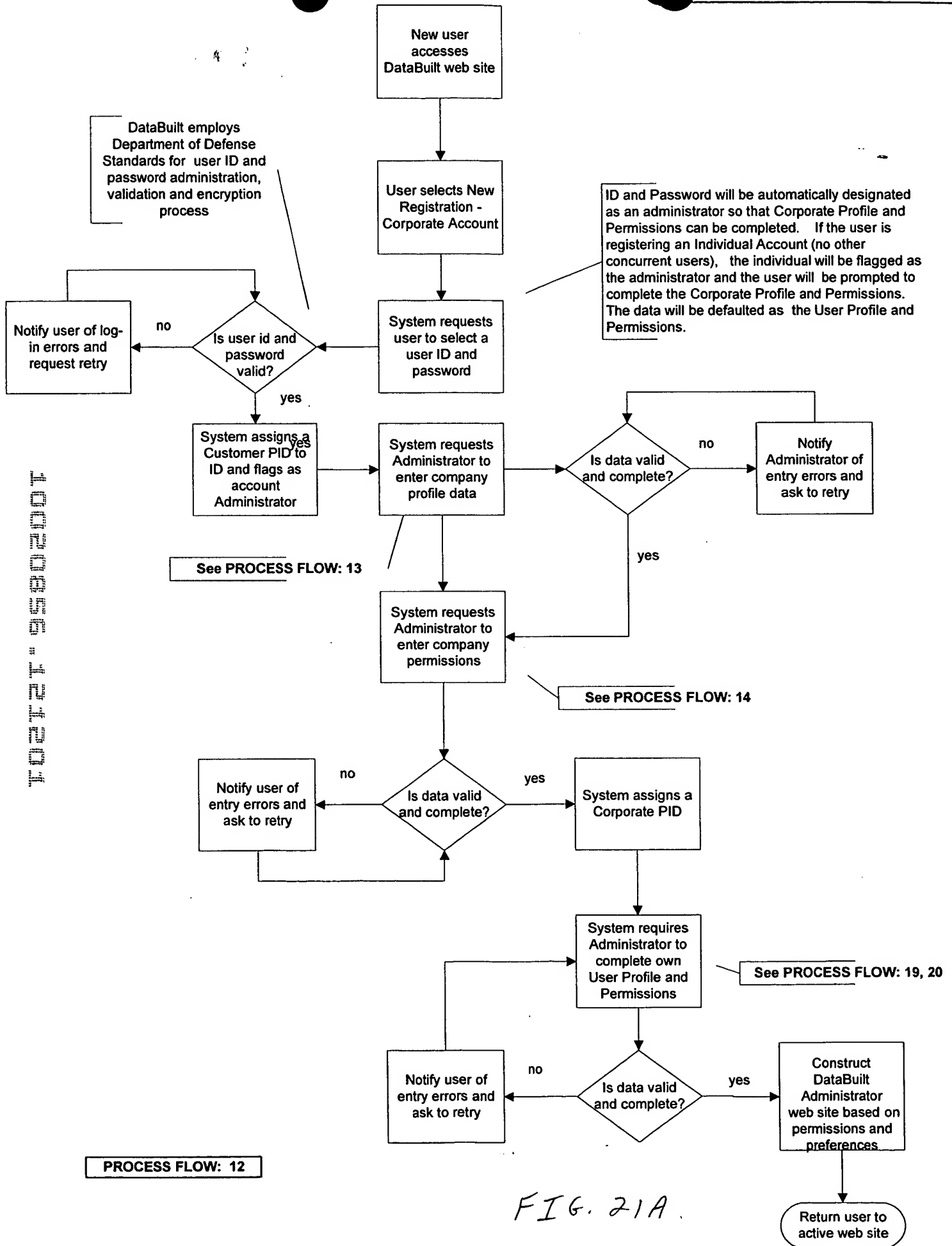


PROCESS FLOW: 9

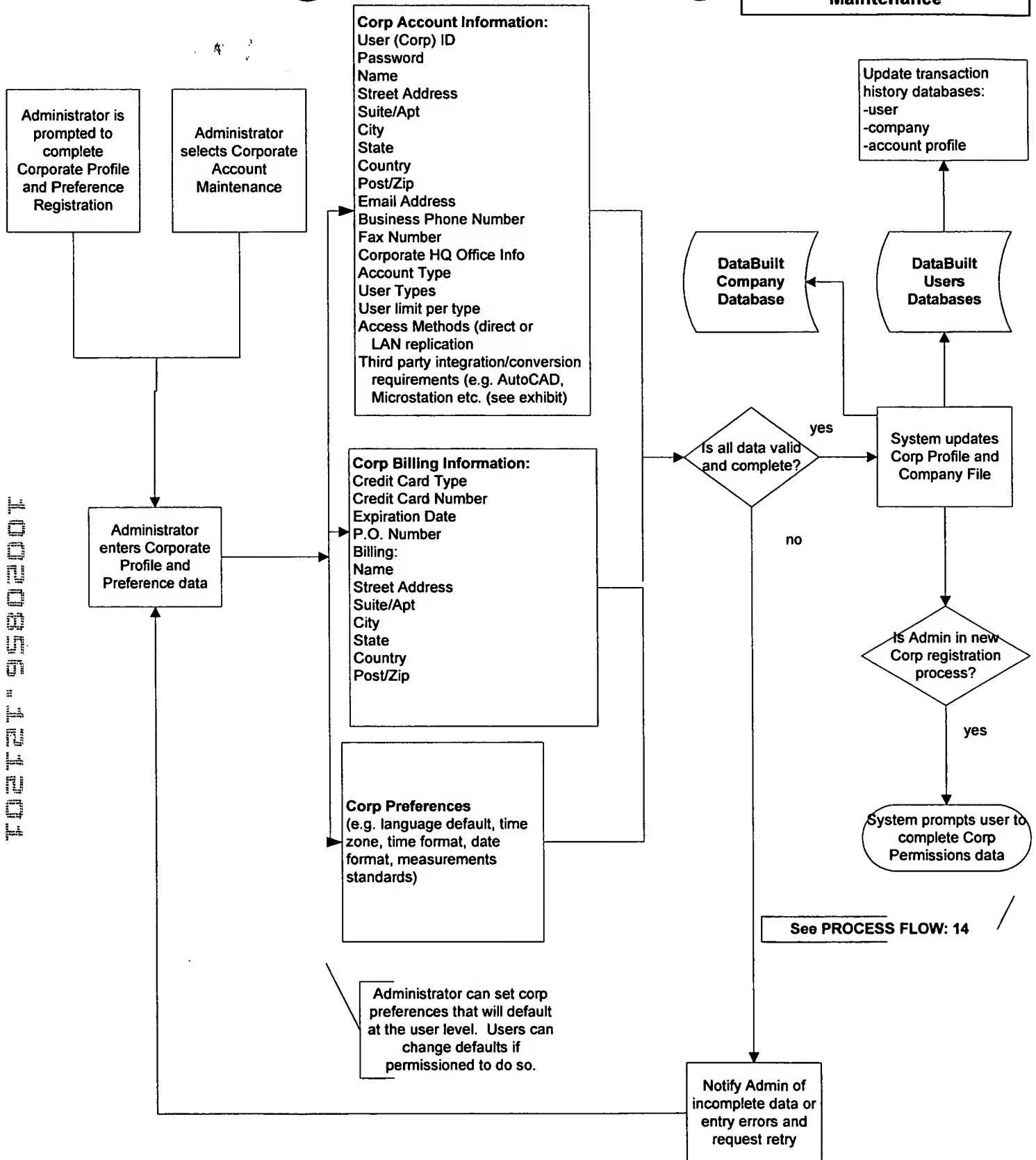
FIG. 20B



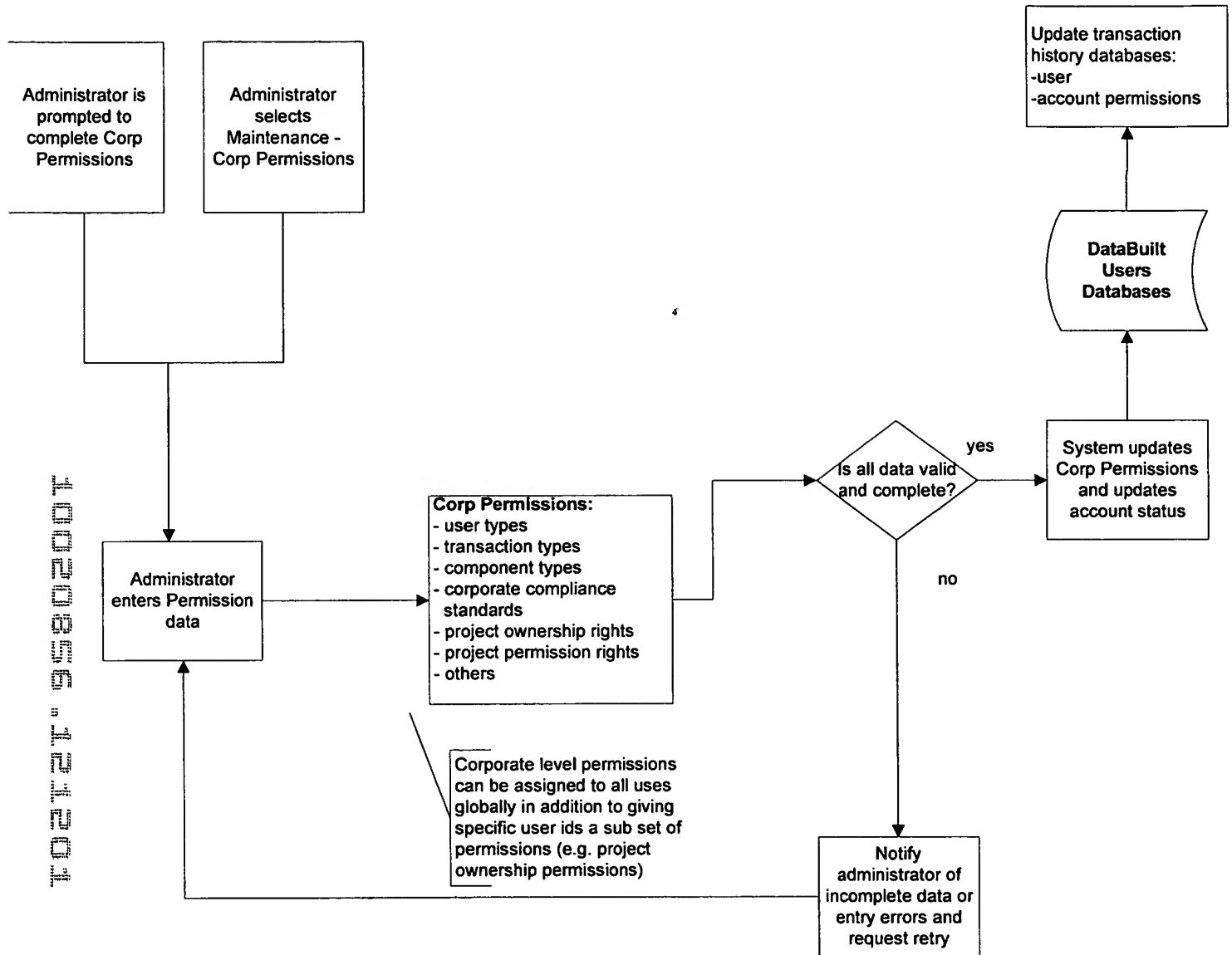




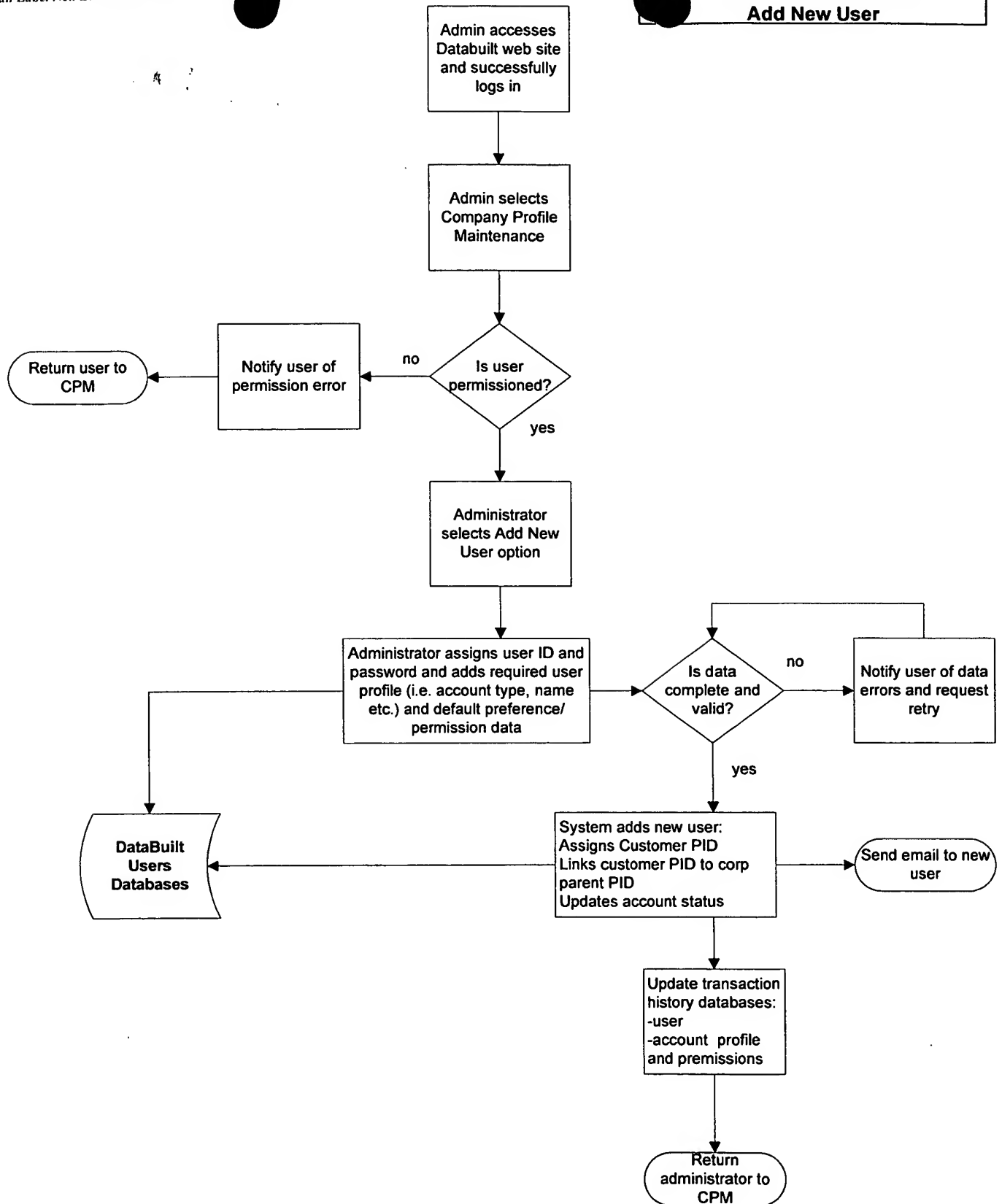
**Corporate Profile -
 Registration and Account
 Maintenance**



**Corporate Permissions -
 Registration and Account
 Maintenance**

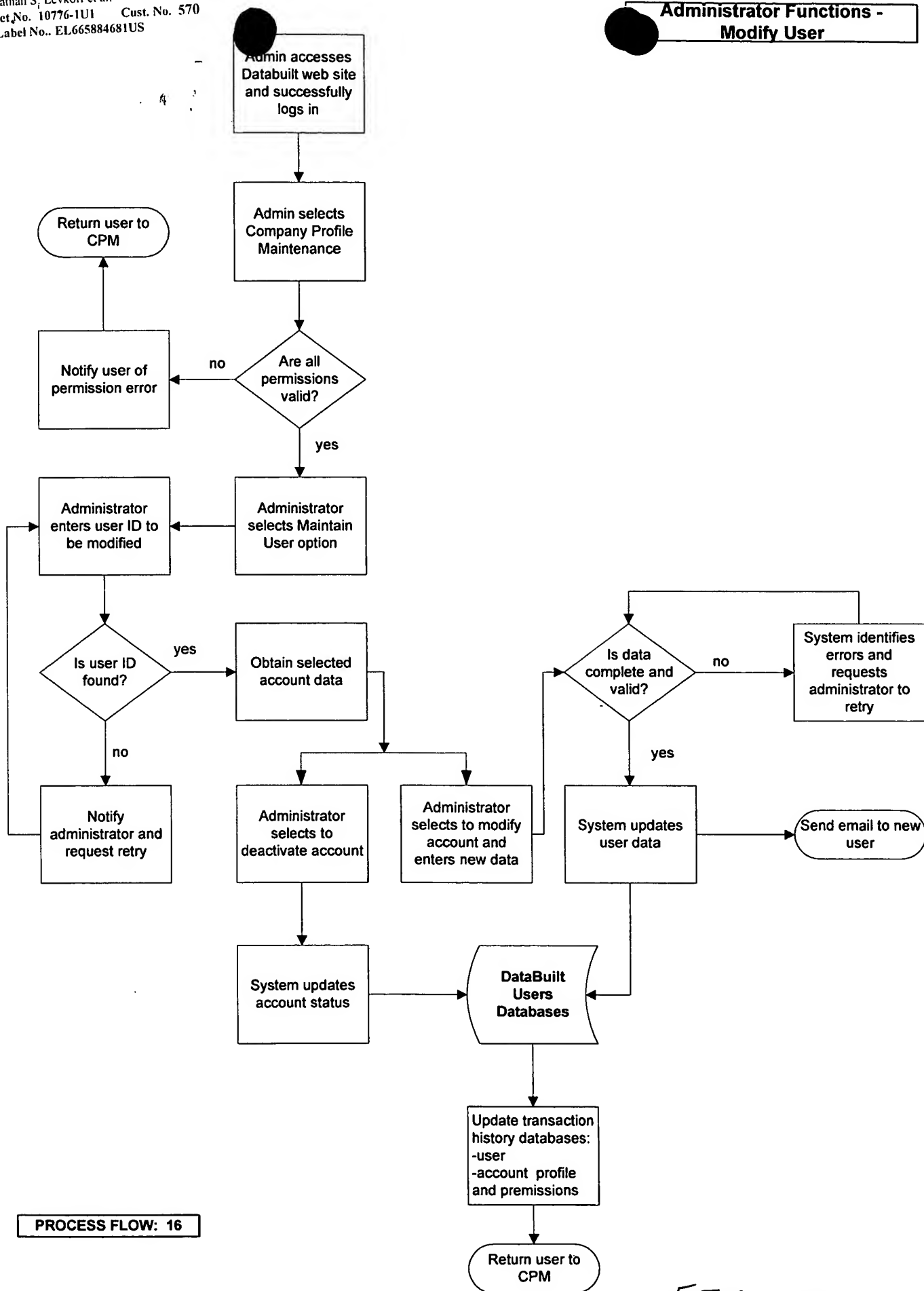


**Administrator Function -
 Add New User**



**Administrator Functions -
 Modify User**

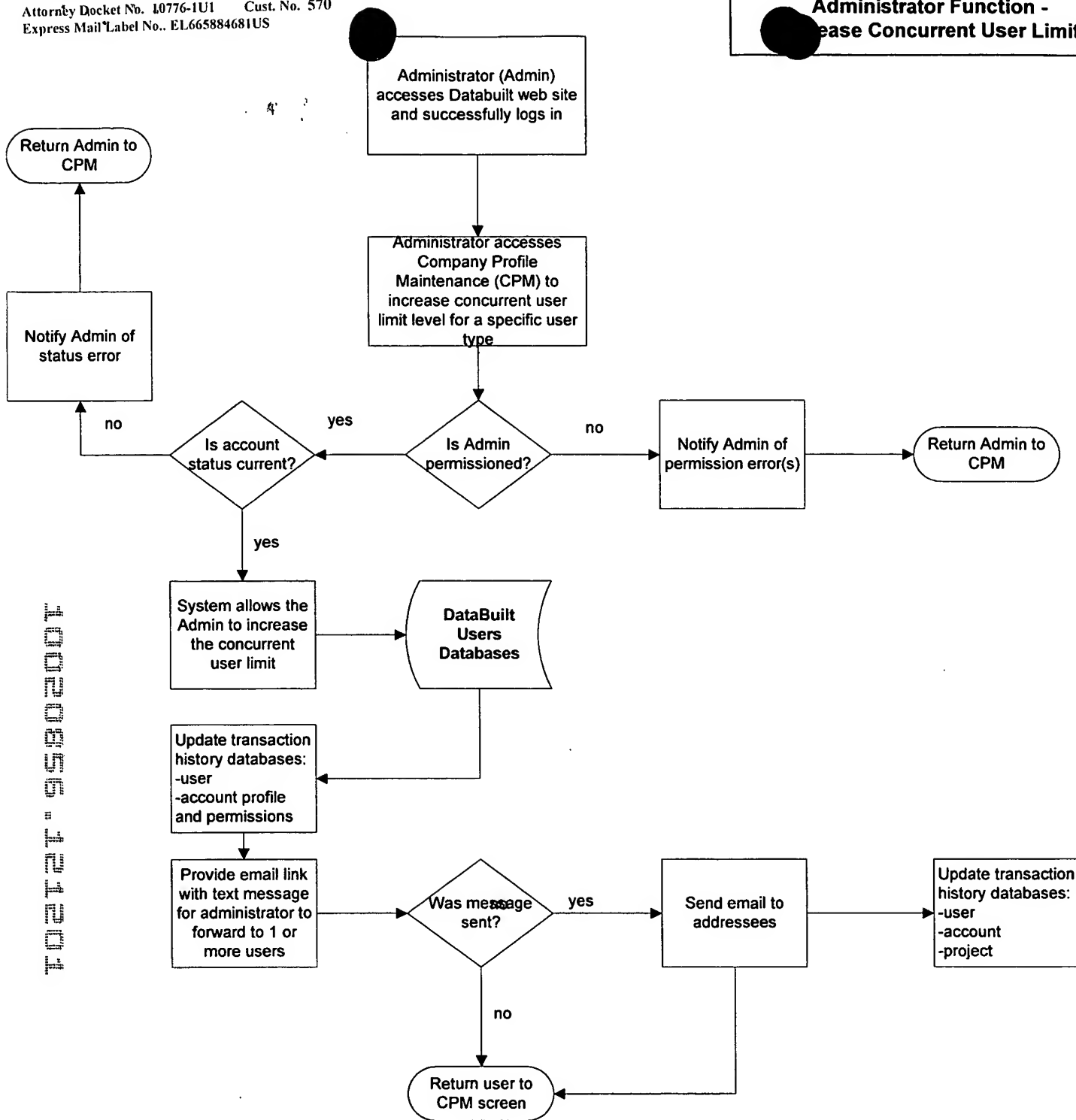
10020656-124204



PROCESS FLOW: 16

FIG. 21E

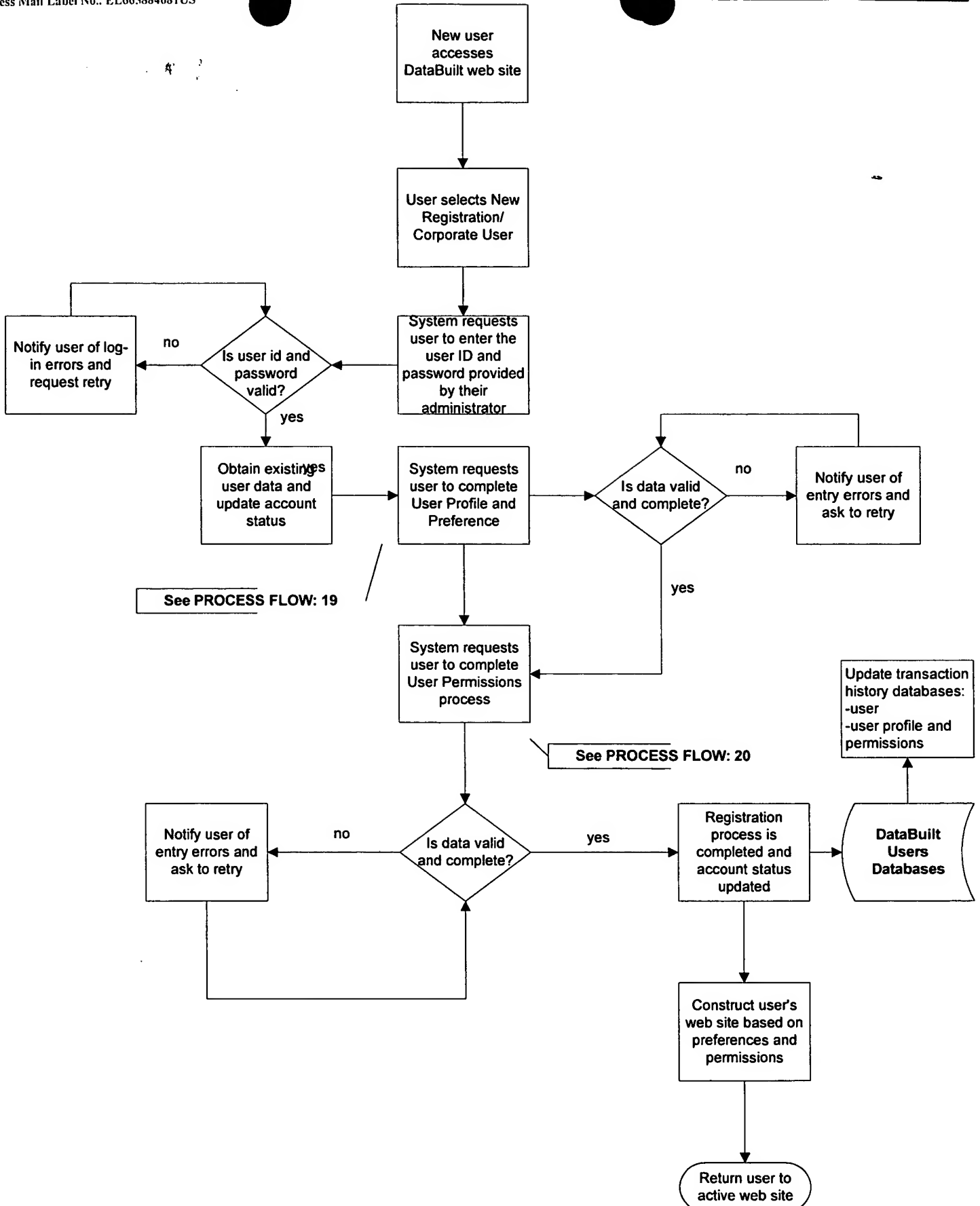
**Administrator Function -
 Increase Concurrent User Limit**



PROCESS FLOW: 17

FIG. 21F

New User Registration



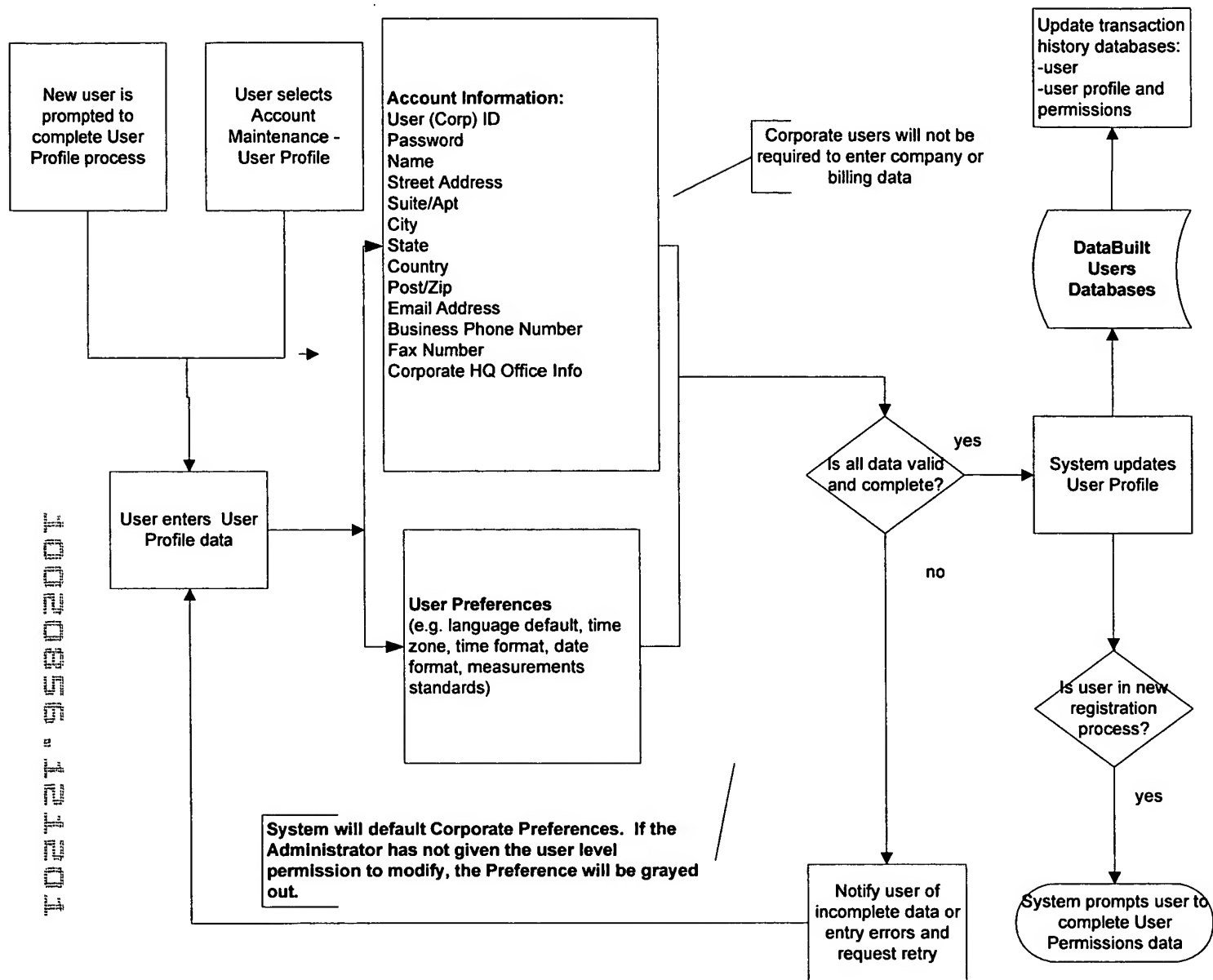
See PROCESS FLOW: 19

See PROCESS FLOW: 20

PROCESS FLOW: 18

FIG. 21G

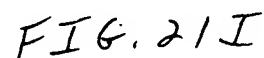
User Profile
New Registration and Account Maintenance



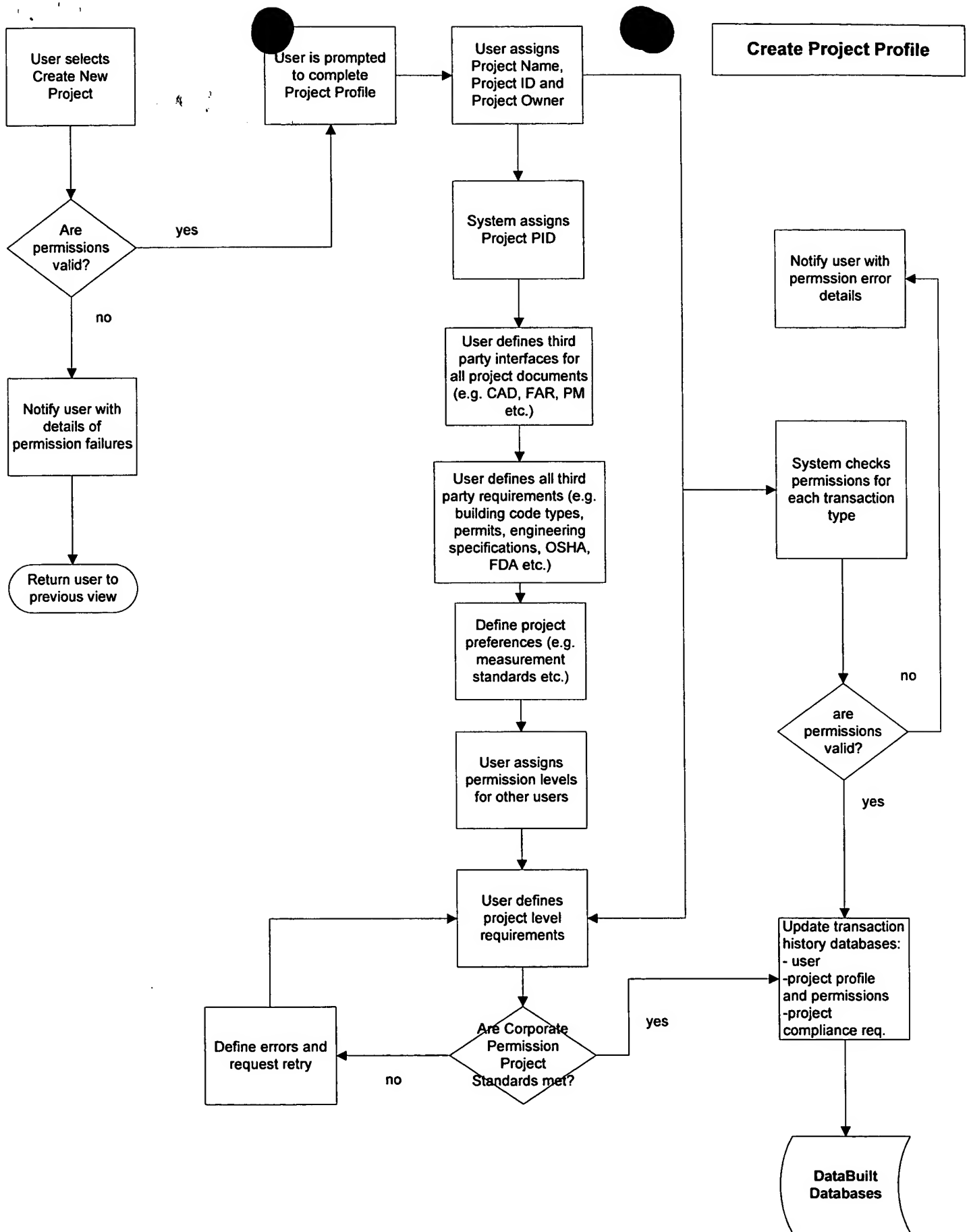
See PROCESS FLOW: 20

PROCESS FLOW: 19

FIG. 21H



10020856-121204



PROCESS FLOW: 21

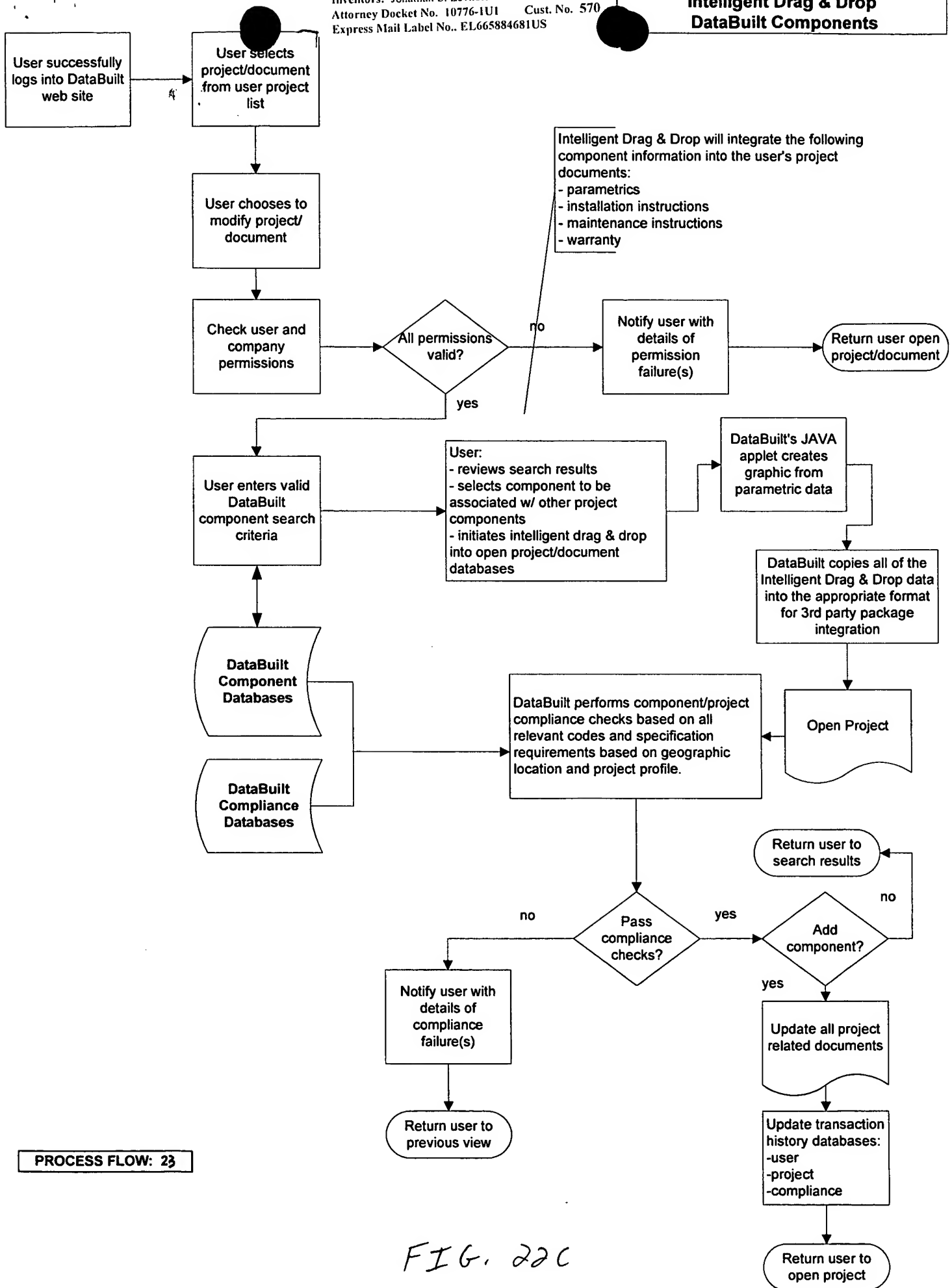
FIG. 22A



FIG. 22B

**Intelligent Drag & Drop
 DataBUILT Components**

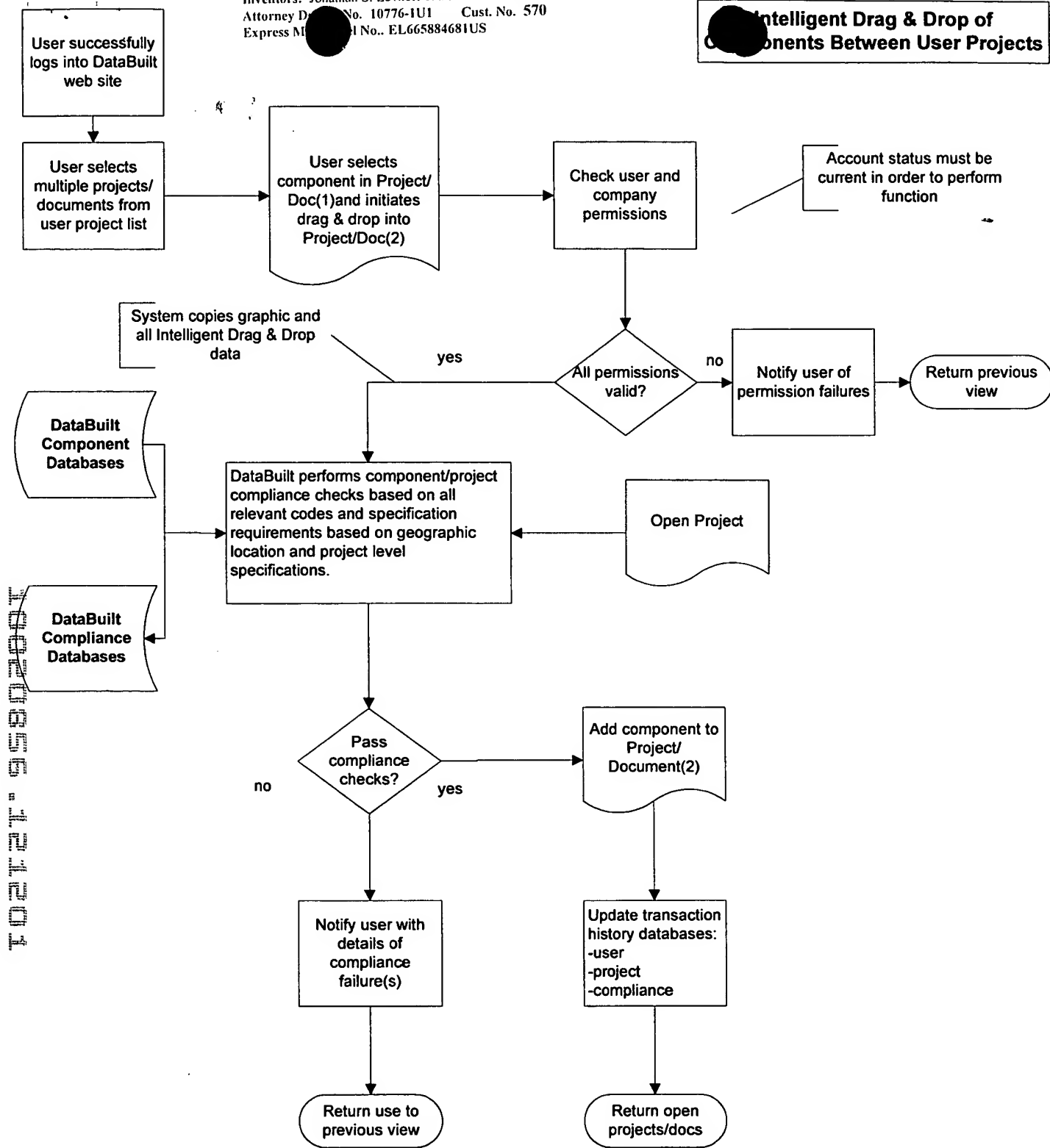
10020556-121201



PROCESS FLOW: 23

FIG. 22C

Intelligent Drag & Drop of Components Between User Projects



Intelligent Drag & Drop Find and Replace with Alternative Component

10020556-11001

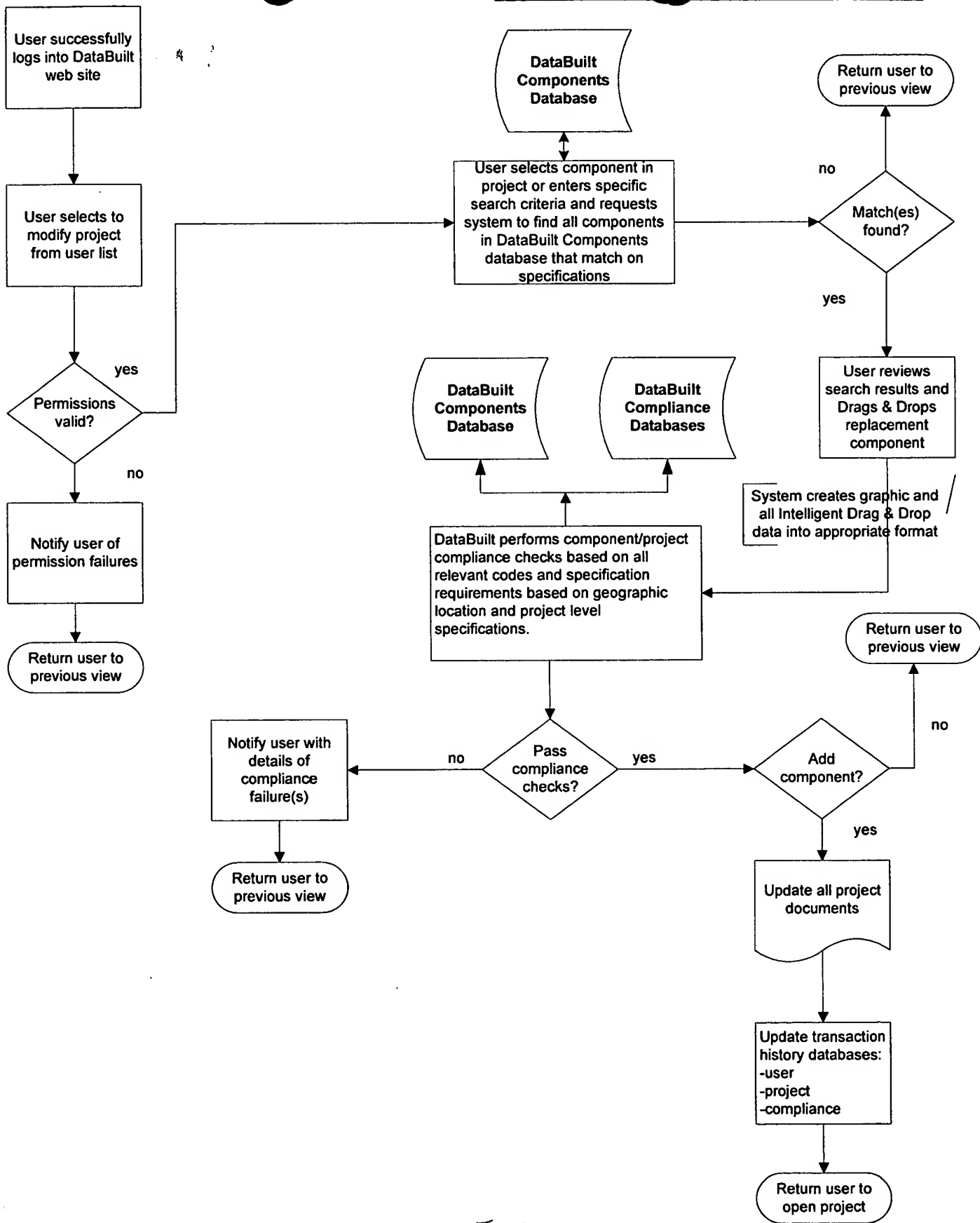
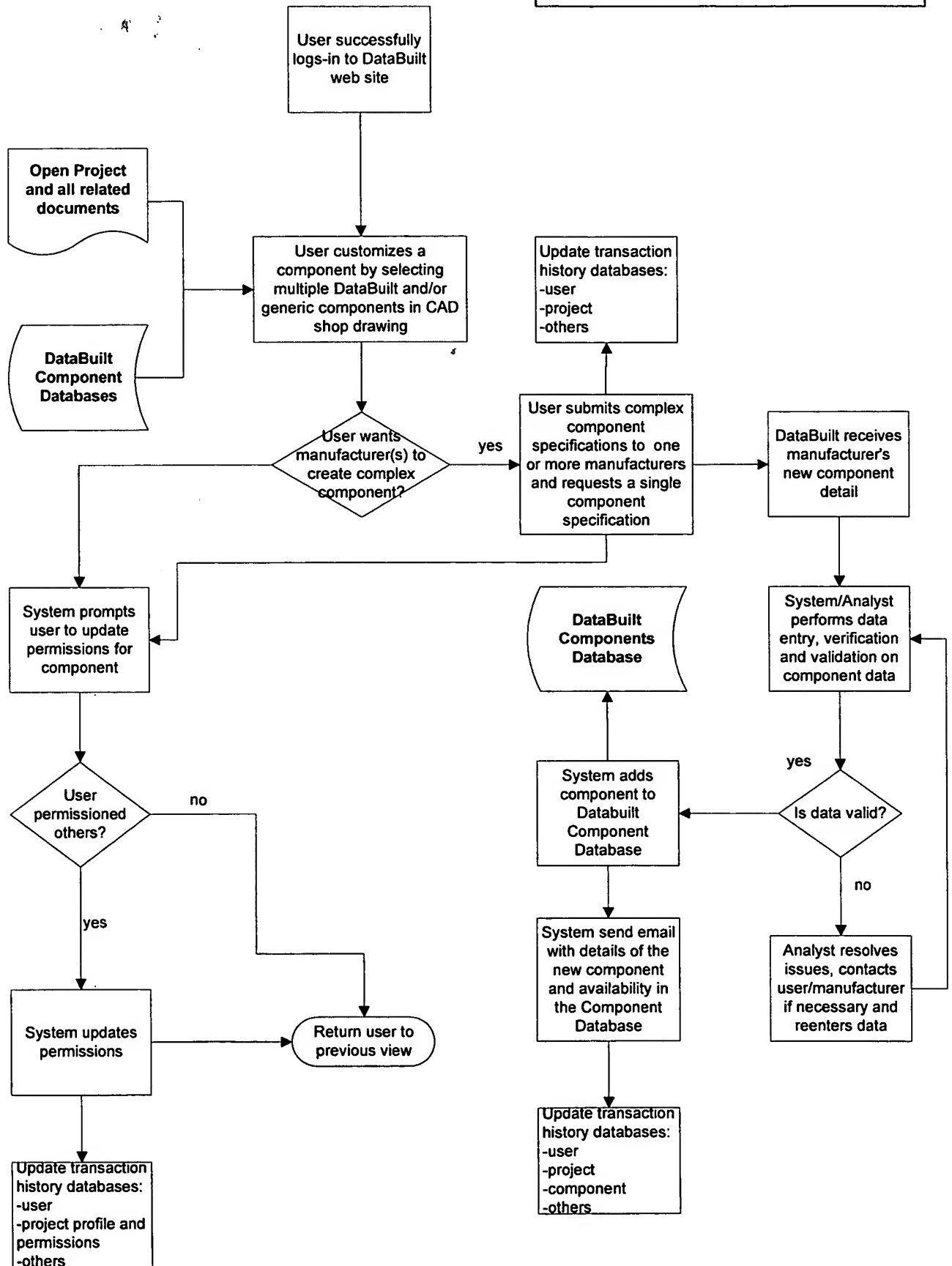
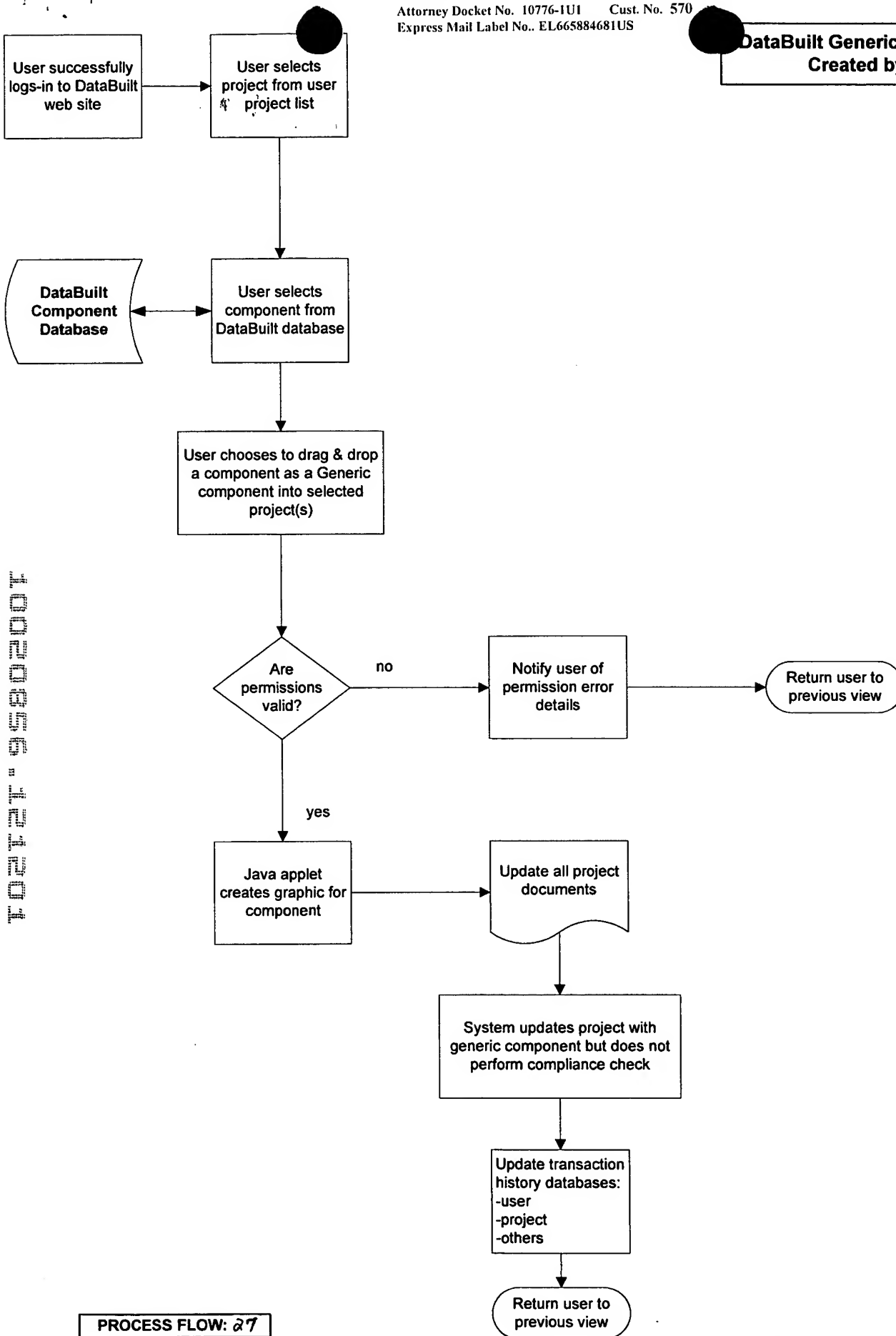


FIG. 22E

**DataBUILT Complex Components
 Created by User**



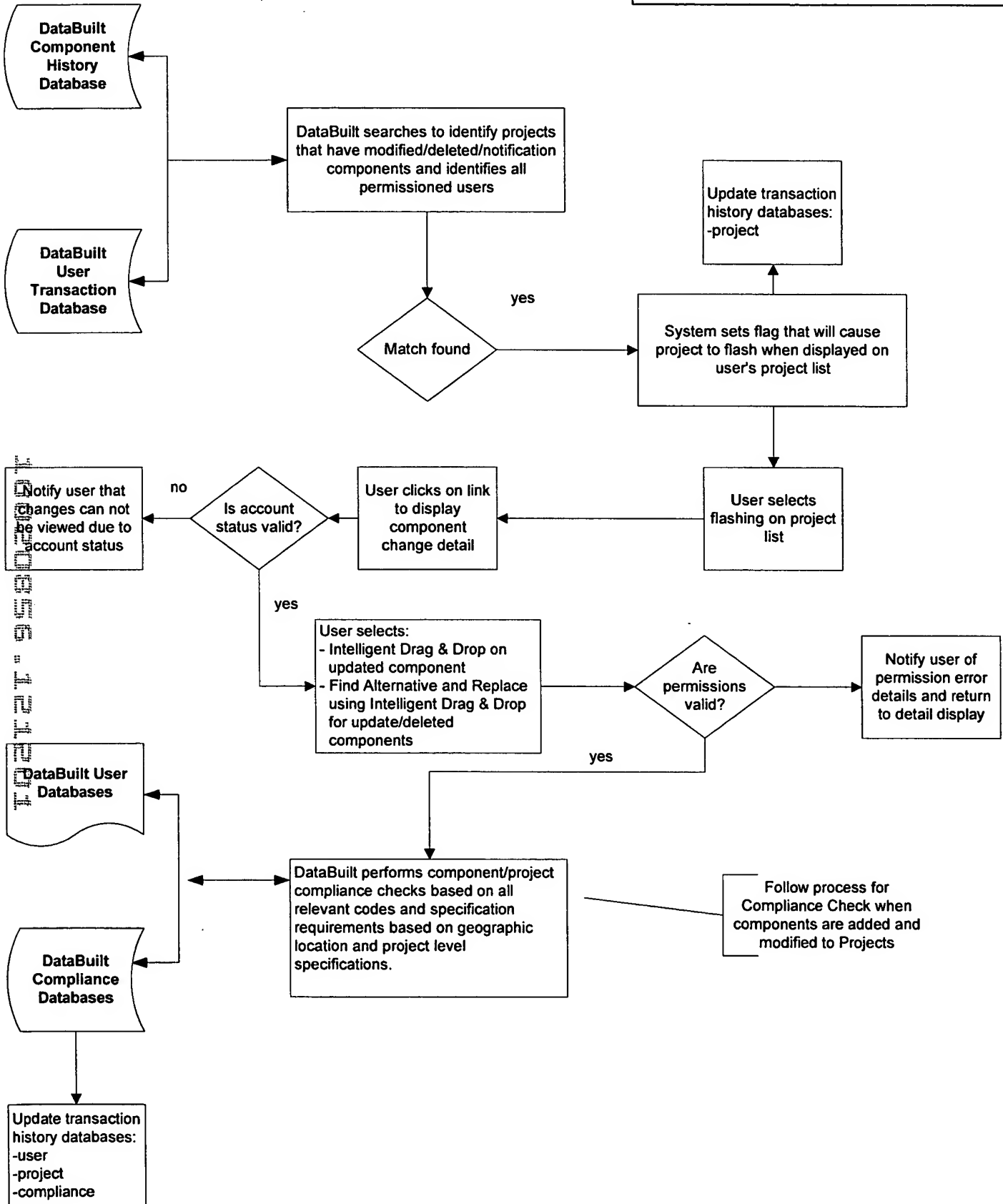
**DataBuilt Generic Components
Created by User**



PROCESS FLOW: 27

FIG. 23B

DataBUILT Component Changes Project Alert on User's Project List



**Data Component Changes
Project Alert by Email to Users**

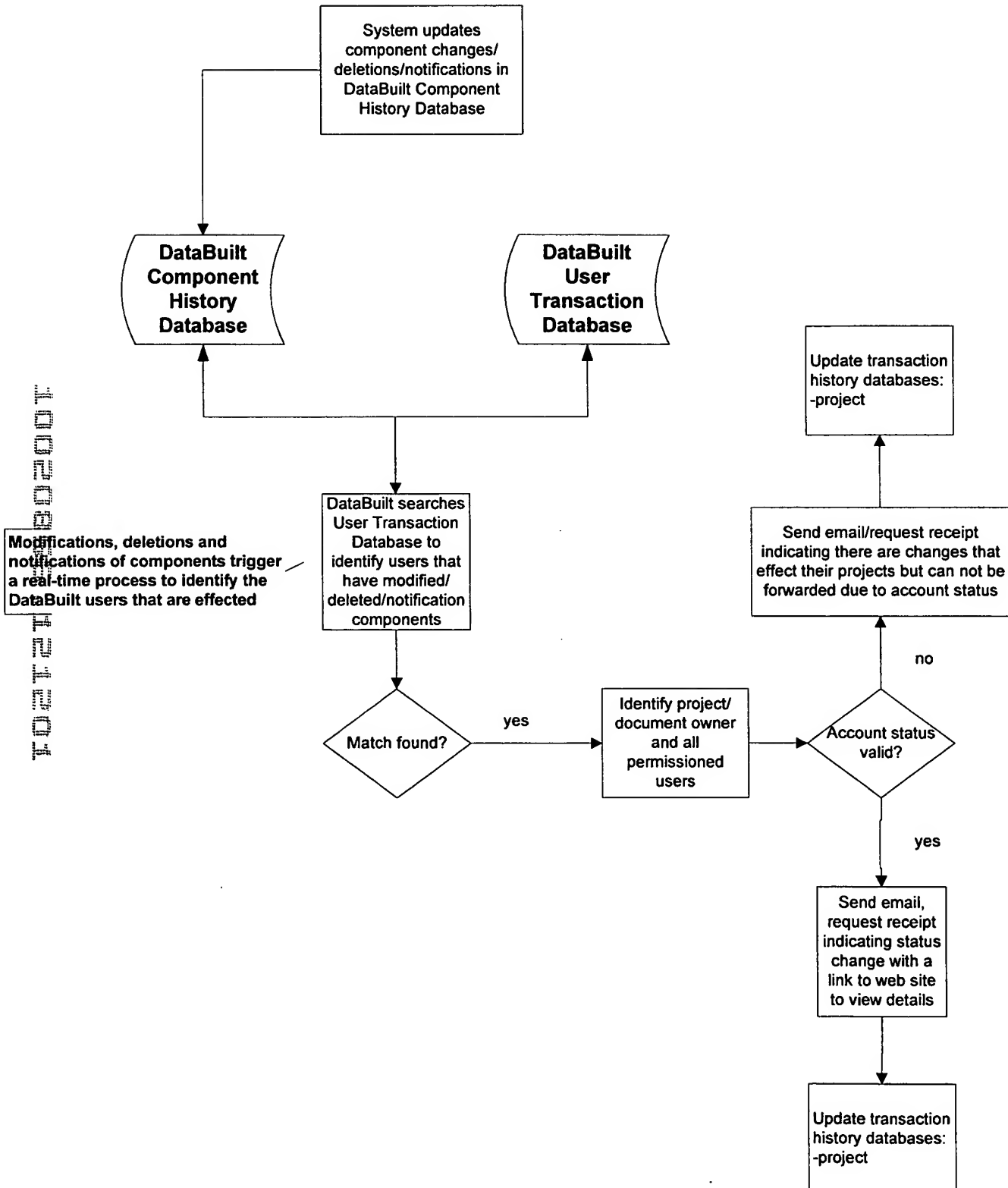


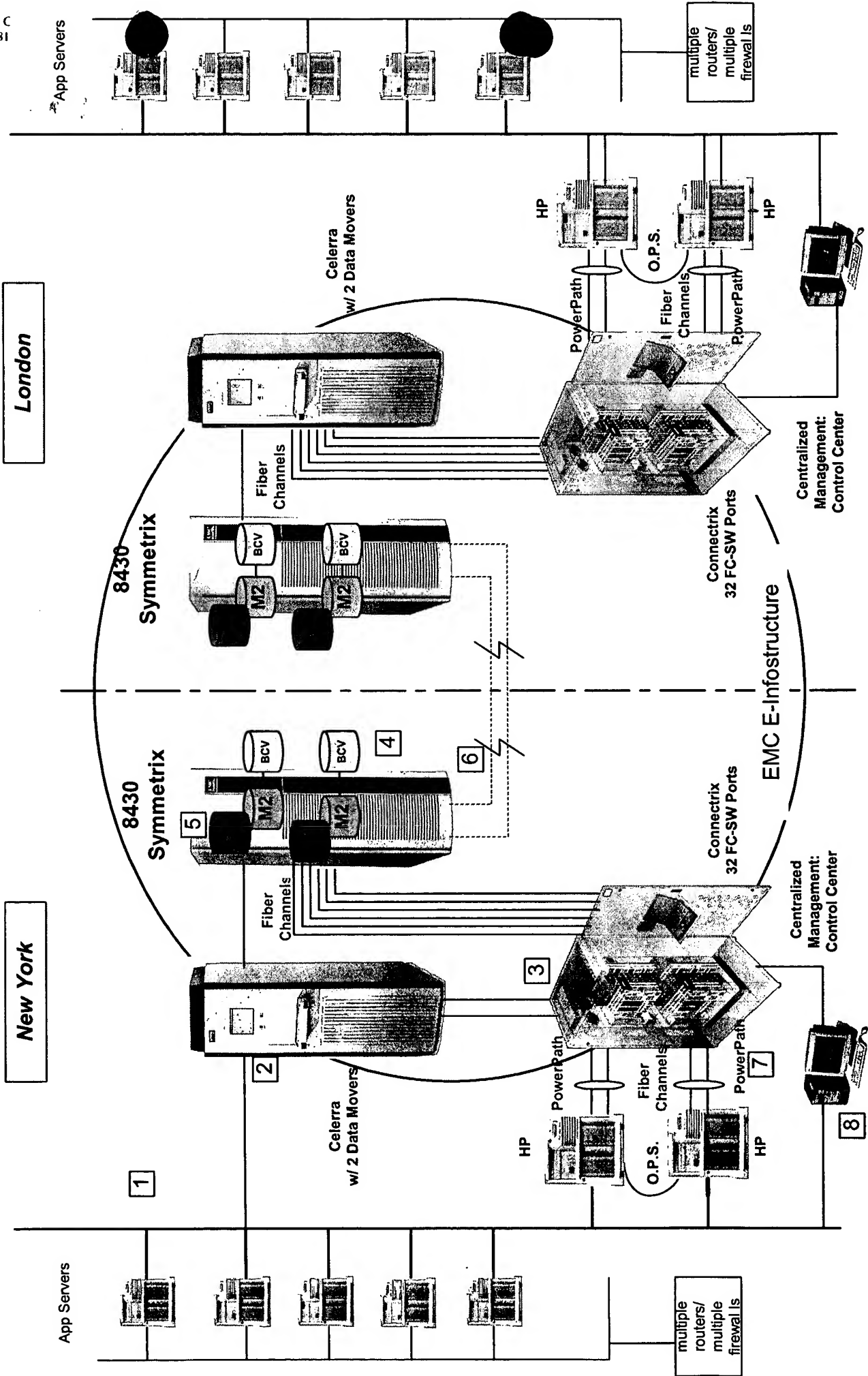
FIG. 24B

- 1. Boot WebServers from Symmetrix
- 2. NAS for Scalable Rich Media Storage
- 3. Fiber Channel Switched Fabric
- 4. BCV's for Oracle
- 5. Storage for NAS

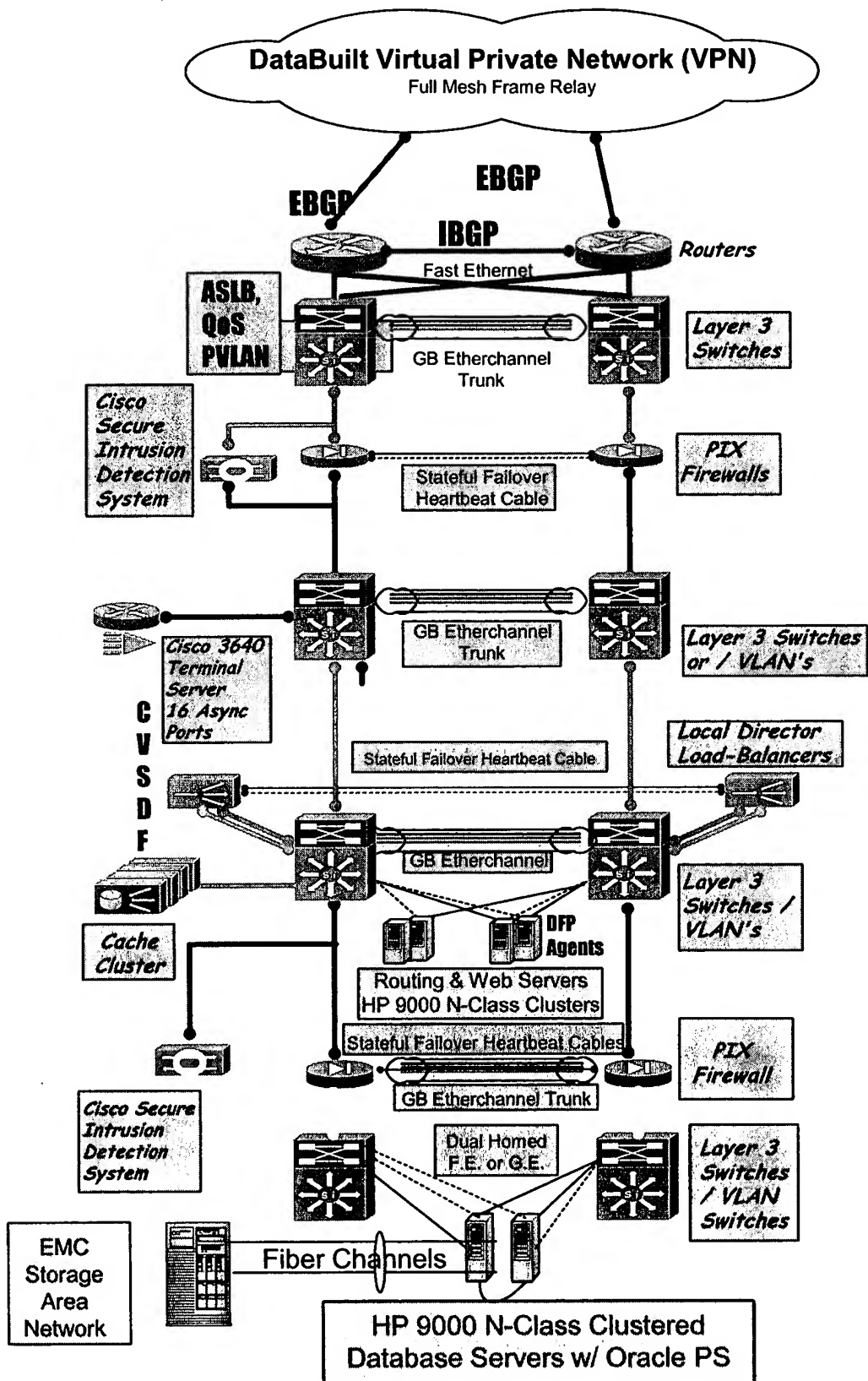
DataBUILT, Inc.
Information Storage Infrastructure

(Note: Database synchronization will be effected through DataBUILT proprietary methods- see LAN diagram)

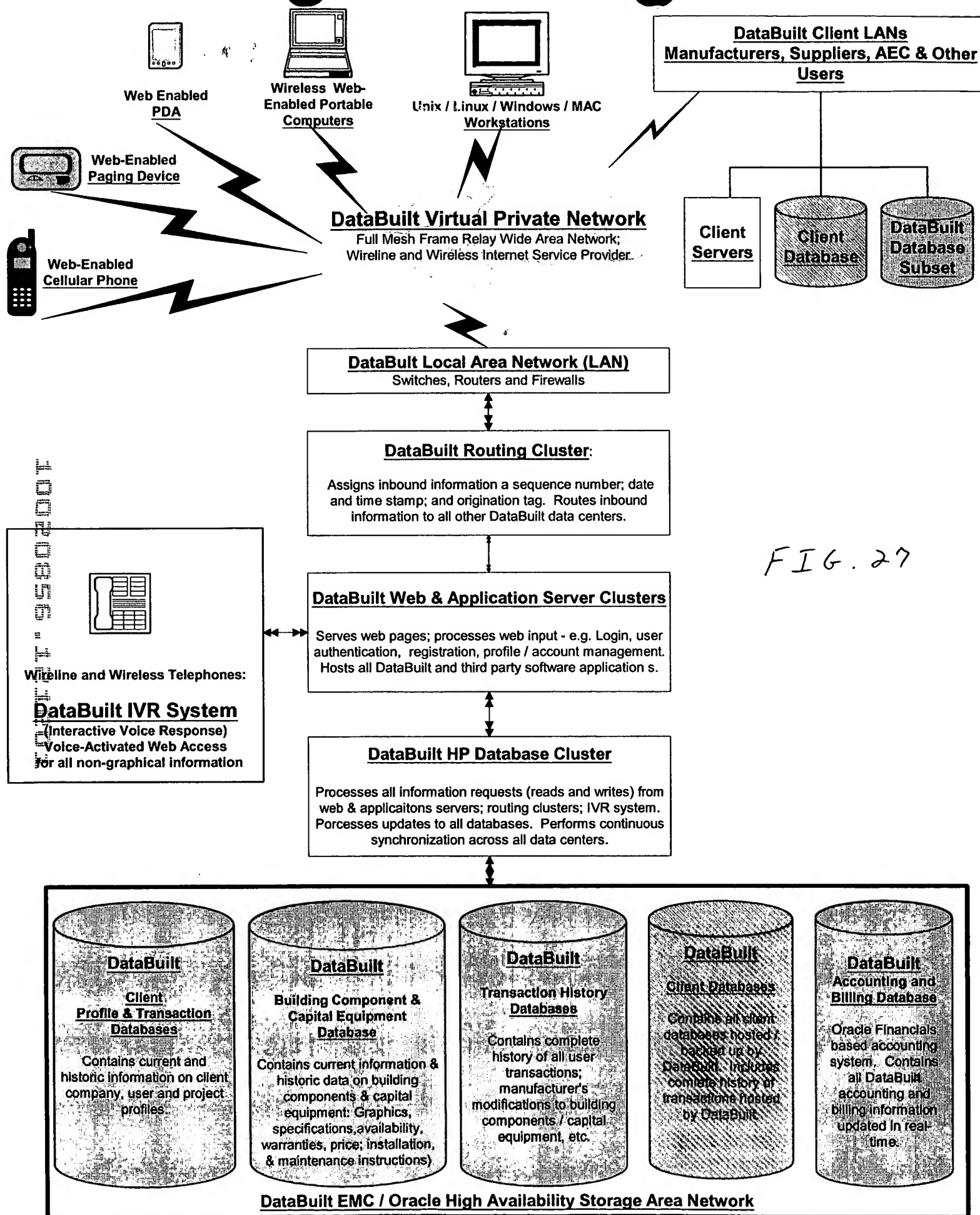
FIG. 25



DataBuilt Data Center



DataBuilt Logical Work Flow Diagram



WAN Network Design

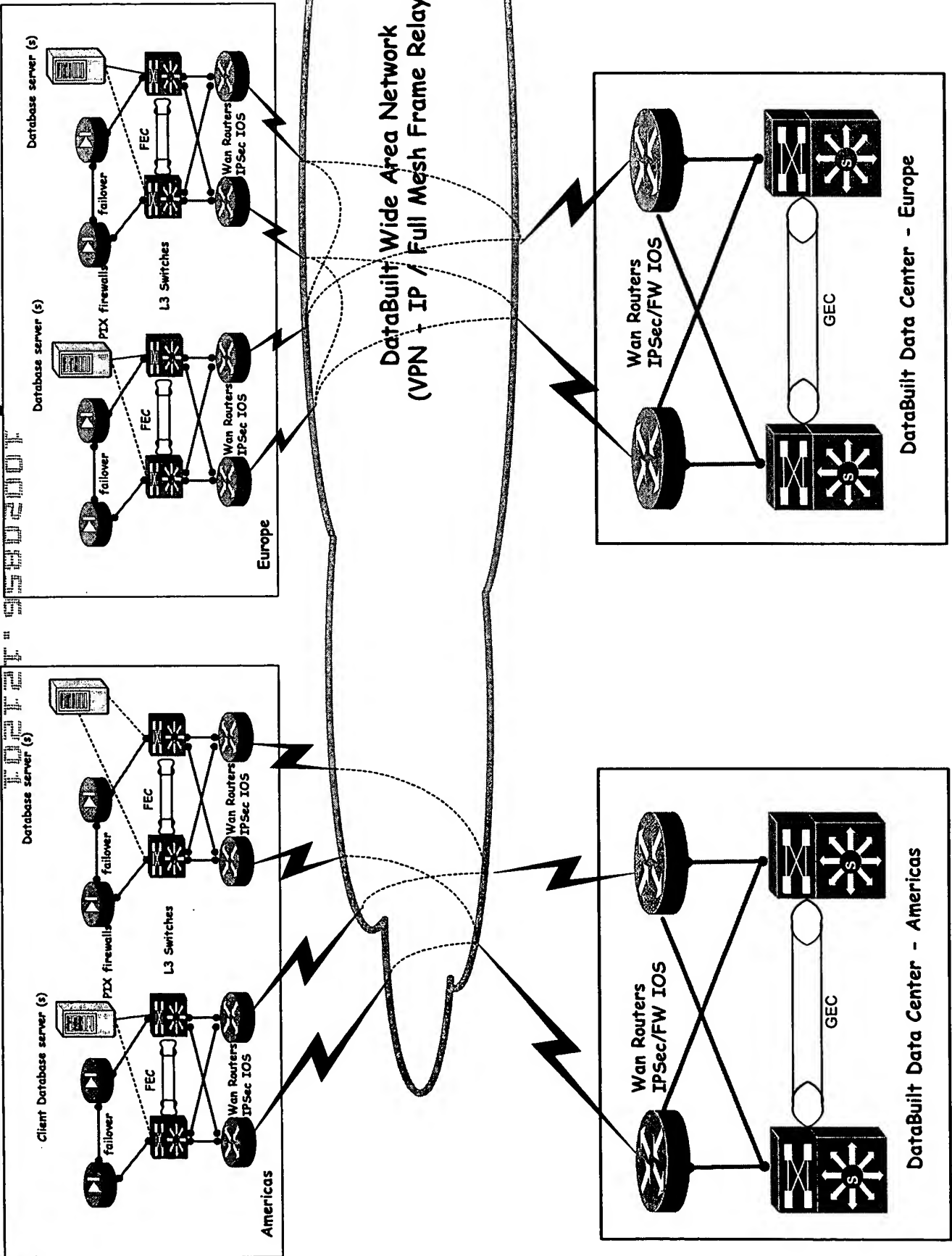


FIG. 28A

**DataBUILT Client Site LAN Replication
MNET WAN Network Design**

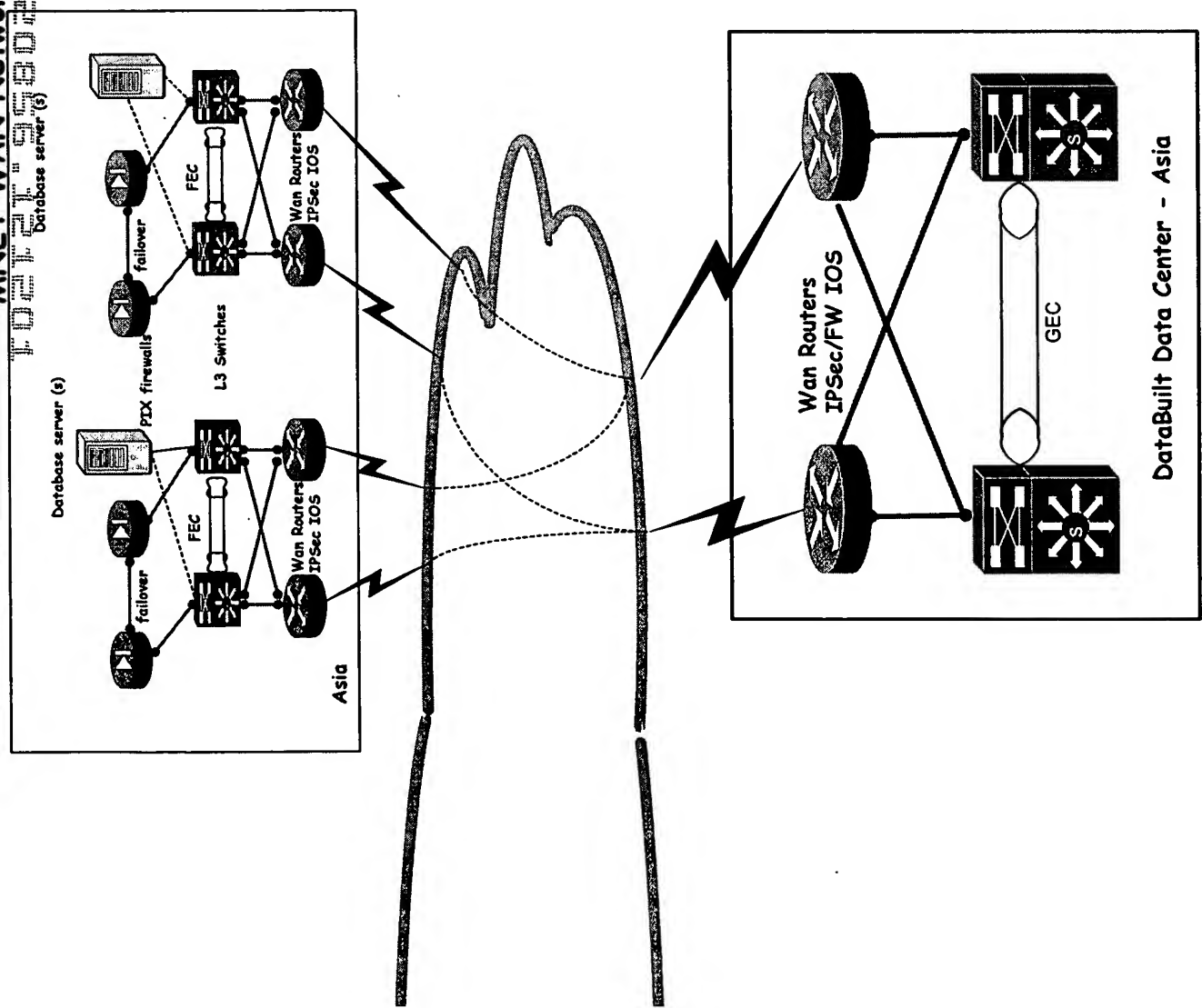


FIG. 28B